

19981229.qrp v01_n320.qrl.981229

Date: Tue, 29 Dec 1998 19:05:14 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1320

QRP-L Digest 1320

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- 1) [28238] Re: RSGA
by Paul Harden <pharden@aoc.nrao.edu>
- 2) [28239] Holy cow!
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- 3) [28240] Re: QRM on 7040 still there... Bummer.
by "Radman" <radman@best.com>
- 4) [28241] EMTECH ZM-2 Tuner
by AB6UI@aol.com
- 5) [28242] Chat Room
by Bill Boose <wboose@ptd.net>
- 6) [28243] Re: EMTECH ZM-2 Tuner
by "Radman" <radman@best.com>
- 7) [28244] T/R switch for the Fireball 40
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- 9) [28246] Re: Chat Room
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- 10) [28247] gonna go QRS
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- 11) [28248] (non-qrp) But Interesting phenom ?
by Michael Melland <badger@vbe.com>
- 12) [28249] For Sale - Gell Cell Batteries
by Jim Dolson <jdolson@iserv.net>
- 13) [28250] RE: 2 rigs later - Help!
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 14) [28251] Robert Duval
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 15) [28252] Novelty QRPP Contest & N3EPA
by "Ron Polityka" <wb3aal@talon.net>
- 16) [28253] Re: (non-qrp) But Interesting phenom ?
by "Don Wilhelm" <w3fpr@netzero.net>
- 17) [28254] emtech info
by AB6UI@aol.com
- 18) [28255] Re: sw40
by Jess Gypin <jessqrp@concentric.net>
- 19) [28256] RE: sw40

- by "Ed Tanton" <n4xy@mindspring.com>
- 20) [28257] Slinky Dipole Antenna
by dave_epps@juno.com
- 21) [28258] Re: T/R switch for the Fireball 40
by "George Heron" <gheron@idt.net>
- 22) [28259] Re: Zinc air batteries
by "Rud Merriam" <rmerriam@csi.com>
- 23) [28260] Wanted:HW-9 parts or dead rig
by Duffer <hduff@ica.net>
- 24) [28261] Novelty QRPp Test
by kq0i@juno.com (Mark R Milburn)
- 25) [28262] Re: sw40
by w2bj@juno.com (Barry J Minsky)
- 26) [28263] ISOTRON ANTENNAS
by w2bj@juno.com (Barry J Minsky)
- 27) [28264] Re: Chat Room
by mwattcpa@earthlink.net (Marty Watt)
- 28) [28265] Novelty QRPp Test & N3EPA
by "Ron Polityka" <wb3aal@talon.net>
- 29) [28266] Novelty QRP Test
by "Steve Miller" <kg7pv@teleport.com>
- 30) [28267] Novelty Sprint blast!
by we6w@juno.com (Ed Loranger)
- 31) [28268] Re: Novelty QRP Test
by crc <crc@io.com>
- 32) [28269] QRP Quarterly - January issue contents
by "George Heron" <gheron@idt.net>
- 33) [28270] QRPp Quarterly
by Lee Bahr <bahr521@earthlink.net>
- 34) [28271] Where is the QRPp Norcal Journal?
by Lee Bahr <bahr521@earthlink.net>
- 35) [28272] Re: QRP Quarterly - January issue contents
by Chris Trask <ctrask@primenet.com>
- 36) [28273] RE: QRP on 10 meters 28.060
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
- 37) [28274] Re: OOPS? Anyone leave their keyer ON?
by we6w@juno.com (Ed Loranger)
- 38) [28275] Fox Tonight!
by Floyd Soo <hires@rust.net>
- 39) [28276] Re: Novelty QRP Test
by we6w@juno.com (Ed Loranger)
- 40) [28277] To Fox or not to Fox...
by K0RWC <rwc@frii.com>
- 41) [28278] QRPp with Icom 746?
by K0RWC <rwc@frii.com>
- 42) [28279] QRP and illegal parrots on 10 m
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 43) [28280] Re: Novelty QRP Test (WQ6RP: Tues/Wed)

by "Paul Carreiro, N6EV" <n6ev@badger1.net>
44) [28281] FS/Swap: Alinco DJ-191HT for MFJ 9040
by jalbertin@juno.com (Jerry Albertin)
45) [28282] Re: Novelty QRP Test
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
46) [28283] Re: 2 rigs later - Help!
by Donald Lefrancois <wb1cdh@mci2000.com>
47) [28284] Re: Novelty QRP Test
by malman@world.std.com (joel malman)
48) [28285] 49er - Pixie test 1st mite results = poor
by Jim <kj5tf@madisoncounty.net>
49) [28286] THOUGHTS ABOUT LEARNING CODE
by w2bj@juno.com (Barry J Minsky)
50) [28287] \ \ \ \ Announcement / / / / HW contest sked
by pmk@juno.com (Patrick M Kvitkauskas)
51) [28288] Strange Tuner Occurance during Test last night
by "Franco, Nicholas J" <franco@bnl.gov>
52) [28289] Elmer101...reflected power problem
by "Terry Bassett" <mutabut@net66.com>
53) [28290] FB 10M Condx - 2X QRPL QSO
by w4pj@w4bkx.ampr.org (Scott)
54) [28291] Re: FB 10M Condx - 2X QRPL QSO
by Zack Lau <zlau@arrl.org>
55) [28292] WOW! Bad Band Condx!
by Sam Billingsley <SBillingsley@usaninc.com>
56) [28293] NQ7RP Novelty Contest
by flydnq7x@primenet.com (Floyd Smithberg)
57) [28294] USA-CA QRP
by wd3p@juno.com (Larry Cahoon)
58) [28295] Re: To Fox or not to Fox...
by "Mitch Dickson" <mitch@volstate.net>
59) [28296] Re: THOUGHTS ABOUT LEARNING CODE
by we6w@juno.com (Ed Loranger)
60) [28297] Fox hunts and 6db attenuators/ 272,000 m/watt!
by we6w@juno.com (Ed Loranger)
61) [28298] Re: Novelty QRP Test
by we6w@juno.com (Ed Loranger)
62) [28299] Pole Poll Summary
by Chuck Carpenter <w5usj@unicomp.net>
63) [28300] Re: THOUGHTS ABOUT LEARNING CODE
by Bruce Muscolino <w6toy@erols.com>
64) [28301] Re: NQ7RP Novelty Contest
by we6w@juno.com (Ed Loranger)
65) [28302] Re: THOUGHTS ABOUT LEARNING CODE
by Ron Stark <ku7y@dri.edu>
66) [28303] Re: THOUGHTS ABOUT LEARNING CODE
by we6w@juno.com (Ed Loranger)
67) [28304] QRP Novelty RULES POINT!

by we6w@juno.com (Ed Loranger)

68) [28305] New 28 Mhz Beacons
by n4so@juno.com (charles k brown)

69) [28306] QRP Items for sale
by tshilhanek@juno.com

70) [28307] NC20 Status Report
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

71) [28308] Where is fall QRPp?
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)

72) [28309] Corrected Pole Poll Summary
by Chuck Carpenter <w5usj@unicomp.net>

73) [28310] Re: QRP Novelty RULES POINT!
by "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>

74) [28311] Re: Fox Tonight!
by Bruce Rattray <rattray@gpfn.sk.ca>

75) [28312] beacons on 10 meters
by wj5o@juno.com (William H. Hays)

76) [28313] RE: QRP Novelty RULES POINT!
by Sam Billingsley <SBillingsley@usaninc.com>

77) [28314] Rules Again!
by "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>

78) [28315] Re: QRP Novelty RULES POINT!
by we6w@juno.com (Ed Loranger)

79) [28316] Re: QRP Novelty RULES POINT!
by we6w@juno.com (Ed Loranger)

80) [28317] Elmer200 - Protoboard / FB40 oscillators
by Michael Maiorana <mikemo@ibm.net>

81) [28318] FOX: NEW FOX Tonight!
by "Paul R. Valko" <prvalko@oakland.edu>

82) [28319]
by cjsterl@ix.netcom.com

83) [28320] More about the 30m BCI
by nilsbull@juno.com (Nils R Young)

84) [28321] FOX: Rules Repost
by "Paul R. Valko" <prvalko@oakland.edu> (by way of Hank Kohl K8DD
<k8dd@contesting.com>)

85) [28322] Re: NQ7RP Novelty Contest
by "Bob Kellogg" <ae4ic@nr.infi.net>

86) [28323] Elmer101 mystery of reflected power con't...
by "Terry Bassett" <mutabut@net66.com>

87) [28324] Re: FB 10M Condx - 2X QRPL QSO
by Rick Sealey <rsealey@InfoAve.Net>

88) [28325] Operate RTTY with your Sierra
by Bill Jones <kd7s@psnw.com>

89) [28326] Novelty Contest Results - W5VB0
by Brian Kassel <bkassel@dancris.com>

90) [28327] VECTRONICS
by bkobie@webtv.net (patrick obrien)

- 91) [28328] Re: More about the 30m BCI
by mwattcpa@earthlink.net (Marty Watt)
92) [28329] For Sale
by N5JI@aol.com
93) [28330] 10 mtrs today
by Goemans <jgoemans@facstaff.wisc.edu>

Date: Mon, 28 Dec 1998 17:04:41 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@lehigh.edu
Cc: cqclist@mtechnologies.com
Subject: [28238] Re: RSGA
Message-ID: <Pine.SOL.3.91.981228164408.9874A-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hope everyone had a nice holiday. There was an unexpected increase in the solar wind on Christmas day that caused several hours of minor geomagnetic storming. The solar wind shot up to about 600 km/sec. with low particle density ... characteristic of a sudden coronal hole, but more likely due from the long duration M2 flare on the 23rd. This trashed the bands a bit during Jim AL7FS operation in AK.

EXCELLENT HF CONDITIONS EXIST right now ... the solar flux is 184, providing excellent skip propagation well above 10M. AND ... 184 is the highest solar flux recorded this solar cycle. You can thank a couple of active flaring regions for this sudden kick in the pants. The earths geomagnetic field is also very quiet, with an A-index of only 3. 20M and below should thus remain fairly quiet until something happens.

So try working 15 or 10M until sundown for good DX skip, then drop to 20 and 40 throughout the night for quiet conditions.

However, there are two regions on the sun with the classic signs of potential major flare activity, and both could deliver a good whack to the Earth due to their position on the solar surface. I'll post any major activity that may occur from these regions, and the liklihood of serious geomagnetic storming.

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z
> TO 28/2100Z: SOLAR ACTIVITY WAS MODERATE. REGION 8419 (N26W40)
> PRODUCED AN M3/1B FLARE AT 0548UT. THIS GROUP HAS CONTINUED TO GROW
> RAPIDLY, NEARLY DOUBLING IN SIZE OVER THE LAST 24 HOURS. THE SPOTS
> ARE RATHER COMPACT AND SHOW THE PRESENCE OF A MAGNETIC DELTA

> CONFIGURATION. THE GROUP ALSO PRODUCED NUMEROUS C-CLASS FLARES
> DURING THE REPORTING PERIOD.

Delta configuration means magnetic fields of opposite polarity between spots, but all located with 2 degrees ... or a fairly compact region, which can produce large flares.

This region 8419 is slightly past the center of the sun, moving west. This is of particular concern, for if it produces a large M-class flare, or X-class, in the next few days, the Earth will be hit fairly directly by the particle radiation ... meaning a big geomagnetic storm 2.5 days later.

> REGION 8421 (N26E13) PRODUCED AN M1/SF
> AT 0521Z. THIS REGION CONTINUES TO BE LARGE AND MAGNETICALLY
> COMPLEX, ALTHOUGH REGION 8421'S GROWTH RATE IS MUCH SLOWER THAN THAT
> OF REGION 8419.

Region 8421 is another magnetically complex region capable of some serious flare activity. It is located just to the east of the center longitude of the sun ... meaning a large flare from this region will also bombard the earth with a direct hit.

So both of these regions have high potentials for a major flare or two next 2-3 days, which will undoubtedly smack us hard, a major geomagnetic storm, and very poor HF conditions.

But of course right now ... excellent HF conditions prevail

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
> MODERATE DUE TO THE LIKELIHOOD OF AN M-CLASS FLARE FROM EITHER
> REGION 8419 OR 8421. THERE IS A SLIGHT CHANCE FOR A MAJOR FLARE
> EVENT FROM THESE REGIONS.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO BE UNSETTLED TOMORROW AND QUIET TO UNSETTLED FOR THE
> SECOND AND THIRD DAYS.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 28 DEC 184 <----- EXCELLENT for 10M work
> PREDICTED 29 DEC-31 DEC 185/180/175
> 90 DAY MEAN 28 DEC 134

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 27 DEC 001/003 <----- VERY QUIET on 40M
> ESTIMATED AFR/AP 28 DEC 003/009
> PREDICTED AFR/AP 29 DEC-31 DEC 010/011-005/009-005/009

72, Paul NA5N
National Radio Astronomy Observatory

Where solar activity is looking up

Date: Mon, 28 Dec 1998 16:05:59 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28239] Holy cow!
Message-ID: <36881CE7.5F21321@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, LOOK at this:

```
> IV.  PENTICTON 10.7 CM FLUX
> OBSERVED          28 DEC 184          <<<<<<<
> PREDICTED  29 DEC-31 DEC  185/180/175  <<<<<<<
> 90 DAY MEAN          28 DEC 134
```

Wow! Why do I have to be at work? 10 meters must be boiling right now.

73,
Vic, K2VCO
Fresno CA

Date: Mon, 28 Dec 1998 17:08:56 -0800
From: "Radman" <radman@best.com>
To: <we6w@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28240] Re: QRM on 7040 still there... Bummer.
Message-ID: <199812290106.RAA23680@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Ed,

Yep, I copied the phantom dah-station on 7040.00MHz up
'til about 10 minutes ago (4:45PST). He was a good 569 on
my IC-765 here in San Carlos, CA ... but he gradually

weakened and vanished into the noise floor. Now, 7040MHz sounds normal again ... just guys tuning-up, etc... Perhaps it was the Russians playing around or some US motorist fell asleep atop his TT Scout ? :-))

GL es 72 - Conrad Weiss - NN6CW

Fortunately I can switch the TX/RX between 7039.3 and 7040.0 so will most likely be transmitting on 7039.3 unless this guy gets his paddle fixed..... Lots of complainers on the air too!

I think he's either QRP or farther away because he's only 569. A good sig!

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

Date: Mon, 28 Dec 1998 20:13:03 EST
From: AB6UI@aol.com
To: qrp-1@lehigh.edu
Subject: [28241] EMTECH ZM-2 Tuner
Message-ID: <a664f056.36882c9f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I sent an order in for the ZM-2 ATU from EMTECH a couple of weeks before Christmas. I thought I would send them an e-mail to check the status of my order. Well, it looks like they have fallen off the face of the earth. I can not access their web page e-mail or anything. Does anyone have any info on them???

TNX ES 72 DE AB6UI

Date: Mon, 28 Dec 1998 20:19:56 -0500
From: Bill Boose <wboose@ptd.net>

To: qrp-1@lehigh.edu
Subject: [28242] Chat Room
Message-ID: <3.0.1.32.19981228201956.00bf5460@postoffice.ptd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

thought some of you might like to try this.
Bill Boose, N3WST, Lititz, PA

>Bill
>If you have computer you can enter in
>www.talkcity.com .This will bring up
>talkcity home page go to chat than go to
>people and find looking for an unlisted
>room enter in AMATEOR-HAMRADIO
>in CAP and press go.You may have to
>enter in the pass word NONE
>
> This is a privet room so e-mail back
>and let know what time you will be on
>so i can be there .You can help me out
>by passing this information to other hams
> 73s KB3CMG
> Don!

>
>
>
>
>

Date: Mon, 28 Dec 1998 17:30:41 -0800
From: "Radman" <radman@best.com>
To: <AB6UI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28243] Re: EMTECH ZM-2 Tuner
Message-ID: <199812290128.RAA19262@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Scott Gregson posted this earlier today. Hope this helps...

72 - Conrad - NN6CW

Please send all Emtech orders to the address in the sig of this email.

If you send it the the old Preble St address there could be up to a month delay before we receive it. The Post Office of today is definitely better than that of 15 years ago, but they still have troubles with forwards.

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>

Emtech
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Mon, 28 Dec 1998 20:38:36 -0500
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28244] T/R switch for the Fireball 40
Message-ID: <00ba01be32cb\$f60e1320\$883984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I forgot to address this topic along with the other technical notes earlier today. A bunch of people have been inquiring as to how to easily switch a single antenna over between the FB40 transmitter and an outboard receiver. This process is known as transmit/receive (T/R) switchover, and the implementation can vary from using a manual toggle switch, to using a relay, to using some sophisticated electronics.

We'll describe a simple middle of the road approach that's used on several popular QRP transceivers: A transistor automatically shorts the receive side of the antenna path to ground during transmit times. The technique is simple, easy to implement and has reasonable performance and low cost. In fact, it's straightforward enough that we have included the printed circuit artwork on the newer "rev B" pcb's coming in next week. All you'll need to do is add a few components and you can safely connect up your receiver and FB40 to the same antenna.

The basic idea that we'll employ here is to "short" the receive side of the antenna path to ground through a capacitor, when the transmitter is sending a signal up the antenna; and when the key is "up", the receiver sees the signals coming down from the antenna through that capacitor (and a series inductor). This T/R switching technique was used by Wayne Burdick, N6KR (among others) in his design of the Sierra Transceiver, documented in the 1996 Handbook. A similar approach is used in the NC40. And the diagrams, descriptions and computations are contained in NA5N's wonderful "Data Book for Homebrewers and QRPers." (You're really missing out if you don't have this book!)

You can take a tap off the input side of the FB40 output filter (i.e., right at the band-select jumper) and connect this signal to your receiver antenna connector through a capacitor and inductor. This provides a series-resonant circuit that provides very little insertion loss to the receiver front end while receiving signals.

Now we ultimately want to ground the junction between this cap and inductor so as to eliminate the signal going into the receiver during transmit, while not loading the transmitter when it is on. We'll use a transistor switch for this purpose. The collector of this transistor (let's call it Q2) will be connected to the cap/L junction, and the emitter will be grounded, and the base will be driven through a 3.6K ohm resistor by "logical high" voltage that occurs when you key the transmitter. (A 2N4124, 2N2222 or any other low-capacitance small signal NPN transistor would suffice here for Q2.)

Most keying systems actually provide a negative (grounded) signal during key-down times, so you'll likely have to provide an inverting transistor in front of Q2. This second transistor (let's call it Q3) can also be a 2N2222 in a similar configuration (grounded emitter, the collector pulled up to V+ and connected to the 3.6K base resistor of Q2, the base pulled to V+ by a 3.3Kohm resistor, and a low-going signal grounding the base of Q3.)

So in operation, the spectrum energy is bopping down your antenna line to this configuration and it enters the FB40 low pass filter, and zoops over through the capacitor and inductor to your receiver and ultimately into your ears. When you hit the transmit key, the negative-going signal of the key closure starts your oscillator, but it also grounds the base of Q3, driving its collector to V+, which turns on Q2, which in turn grounds the receive

line by the collector going to ground potential.

Side note: The series-resonant circuit going to the receiver is a critical element, and requires some different component values when used on the various bands of the FB40. Here are the component values for the the different bands of operation:

80m: C=56pF , L=36uH, 26T #28 wire on FT37-61 toroid core

40m: C=39pF , L=13uH, 15T #28 wire on FT37-61 toroid core

20m: C=33pF , L=3.9uH, 31T #28 wire on T37-2 toroid core

10m: C=22pF , L=1.4uH, 19T #28 wire on T37-1 toroid core

Thanks all for the interest and continue to let us know how you make out with your Fireball 40.

73,

-- George Heron, N2APB

n2apb@amsat.org in Sparta, NJ

for the NJ-QRP Club: <http://www.njqrp.org>

Date: Mon, 28 Dec 1998 18:22:19 -0600

From: "Robert Armstrong" <barmstrong@sisna.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [28245] Zinc air batteries

Message-ID: <01be32c1\$4bb23640\$f9b4d2d1@barmstrong.sisna.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Since no one replied to my request for info on Zinc air batteries, I will offer what little I know in case someone else is interested.

The following from the Duracell web page:

Alkaline 9 V battery: mass = 55 g

capacity = 500 mAh @ 1 mA

470 mAh @ 10 mA

Lithium 9V battery: mass = 38 grams

capacity = 1000 mAh @ 25 mA

950 mAh @ 80 mA

Zinc air battery - same size and profile as 9 V battery, but voltage output is 8.4 volts. DA146

Sold as a medical battery for use in heart telemetry and Holter monitors (these are small units like miniature tape recorders that record heart beat for 24 hours or so). They come in a sealed foil packet and are activated by tearing open the package. I presume there is an inert gas in the packet, or perhaps the foil package just limits exposure to air. The shelf life is "much" less than lithium (how much???). I think the batteries are expensive ... but they are discarded after one use. That is, if used for telemetry for only a few hours, they are discarded. Nurses tell me that they will last for many days in a telemetry unit - they don't recall ever having to replace a battery during hospitalization of any patient. They are reported to deliver full voltage/ current for "a long time" and then have a rapid drop off.

Mass = 36 grams
Capacity = 1500 mAh

My reason for interest: Free backpacking batteries for my QRP rigs! (Also for the Spartan Sprint - watch out K6PBZ). I am asking that the batteries in my little hospital be thrown my way.

Any further info/ experience would be greatly appreciated.

de N7XJ, Bob in Utah

Date: Mon, 28 Dec 1998 20:28:07 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <wboose@ptd.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28246] Re: Chat Room
Message-ID: <008101be32ca\$8099d3a0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

From: Bill Boose <wboose@ptd.net>
>
>thought some of you might like to try this.

I assume that folks talking about the Dalnet QRP channel and talk city etc. are aware of the efnet #HamRadio channel. Almost always a half-dozen to a dozen folks there, tho often quite quiet.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 28 Dec 1998 19:48:58 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-l@lehigh.edu
Subject: [28247] gonna go QRS
Message-ID: <3688350A.A085AAD2@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi folks - gonna do the digest mode while the move is going on.

72's, cu realtime in January.

Tim W5FN

Date: Mon, 28 Dec 1998 19:50:04 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.EDU
Subject: [28248] (non-qrp) But Interesting phenom ?
Message-ID: <3688354C.775B@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's an interesting observation I made today. I was near 21.030 today and decided to send a cq. This was probably my first time on this freq with my Omni V. As I was sending I noticed that my new Autek WM-1 meter was indicating I was only putting out about 70 watts. I checked both peak and average and the meter read 70 watts in both positions. Next I went up band to about 21.320 and the WM-1 then read it's normal 100 watts. To check the rig I hooked my Bird meter (recently certified) up

to the rig and into my dummy load and went back to 21.030.... sure enough..... 100 watts. Then I hooked up the Bird to the antenna....100 watts out. Next I hooked up the WM-1 direct to the dummy load..... yep....100 watts. Hooked up the antenna again to WM-1 and back to indicated 70 watts???? I then hooked the Bird to the antenna in line with the WM-1 to compare readings and now they both read 100 watts but.....get this... if I take the Bird out of the line and hook the antenna back up direct to the WM-1 it's back to 70 watts !! Thought it was RF but touching/grounding the WM-1 remote line section or meter has no effect on the reading nor does running the meter off battery power instead of the wall wart power supply it has.

Any suggestions as to what's going on here ? Autek told me that it's not RF in the meter and that it's because the Omni is shutting down output due to either high SWR or reactance, in other words the meter is correct and the rig is shutting down power..... but then why does it read ok by the Bird ? And why is the current not maxing out to the rig from the power supply ? And, my antenna analyzer and the Bird nomograph of reflected vs forward power both show a SWR abt 2:1 on the line. Odd that it's only affecting 15 meters..... all the other bands have tolerable readings..... I STILL suspect RF. Oh yeah..... the ground is from a 3' buss behind my desk connected to a 2" copper flashing through the wall (abt 1.5' in the shack) to a ground rod outside.

73

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>
<http://www.qsl.net/kb9qhu>

Date: Mon, 28 Dec 1998 20:56:24 -0500
From: Jim Dolson <jdolson@iserv.net>
To: qrp-l@Lehigh.EDU
Subject: [28249] For Sale - Gell Cell Batteries
Message-ID: <368836C8.67B5@iserv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've got a few of the following batteries for sale for \$15 each + whatever shipping is. They were manufactured this year. Some have

scruff marks - from use, storage or testing I don't know.

CSB Battery Company
EVX-12260
12 volt 26 AH

The company that I bought a bunch from uses them in the health care industry and has a very stringent test which these batteries didn't pass (has to draw 4.5 amps for 4 or 5 hours without dropping below 10.8 volts), but I'm told that since these are new batteries that they usually just barely fail. I'm going to use ten of them (soon to be 20) to run the shack and they have all tested OK.

The dimensions are: 5" H x 6.6" W x 6.75" D and weigh 20 lbs.

<http://www.csb-battery.com/evxpower.html> has a neat table showing the power ratings for this battery for various periods of time.
<http://www.csb-battery.com/evxspecs1.html> has more data
<http://www.csb-battery.com/evxspecs.html> has more data

Let me know if you are interested. I can probably get more if the interest is there. Please reply directly to jdolson@iserv.net

73,

Jim Dolson
wb8zbd
jdolson@iserv.net
grand rapids, mi

Date: Mon, 28 Dec 1998 18:01:51 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <rwcc@frii.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28250] RE: 2 rigs later - Help!
Message-ID: <000001be32cf\$33ba0280\$a005b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know this will not help the frustration and anxiety that can surface after building a non-operational kit. However, I can say without reservation that I have learned far more electronics theory from kits that did not work in comparison to the rigs that did work immediately upon completion. Look at the opportunity you now have to learn!

Ok, I'll shut up.

72

Roger KD6CC

```
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> K0RWC
> Sent: Monday, December 28, 1998 8:08 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: 2 rigs later - Help!
>
>
> At 08:54 AM 12/28/98 -0600, you wrote:
> >A most disappointing weekend. I have been working on a pixie2 80M and
> >finally got all of the parts (a difficult thing to do in Tuscaloosa, AL.)
> > I built it and heard nothing. I figured that I would try to fix it
> >later. I then turned to my FB40 that I set up for 10M.
> >
>
> Know the feeling, I had trouble with my OHR100A for 20m. Took several days
> but after pouring over the schematic, testing, probing, wringing
> my hads in
> anguish I finally found the problem, a poor solder joint! Very subtle &
> difficult to see. But the rig is fixed and working well, many FB QSO's.
>
> >...I want a WAS on my wall!!!!
> >
>
> If you get on 40 or 15 post hear, I listen for your call & give
> you Colorado.
>
> >...I have just got to find a real cheap rig. I went
> >with QRP because I could build my own, and it was cheap.
> >
> >I have said all that to say this. I Will Not Give Up!!!! I just have
> >to find a rig that I can get to work. Can I get any help/advice? D
>
> Nothing to sell here, but watch for an OHR, Norcal or SW-40+
> deal, all good
> rigs you should have good luck with. I have the OHR100A for 20M, love it.
> I've also orderd a Norcal 40 after seeing a friends. I'm also going to
> build the SW+ for 30 meters, sometime in early 99.
```

>
> Keep at it and if you need help post here, lot's of fine folks on
> this list
> that are willing to help.
>
> HAPPY NEW YEAR
>
>
> ---
> 72/3 KØRWC
> Rod Cercone, QRP-L #1764.
> Fort Collins, CO
> da di dah
>

Date: Mon, 28 Dec 1998 18:18:38 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28251] Robert Duval
Message-ID: <000601be32d1\$8b967680\$a005b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth.
Robert, please contact me, I am unable to determine your e-mail address from
your name.
(reduction drive purchase)
Thanks

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>

Caution! The 2nd Law of Thermodynamics is at work on all things at all
times.
Mankind and Human nature are not exempt from entropy. The only solution is
to decide on a higher standard, and commit yourself to it.

Date: Mon, 28 Dec 1998 21:20:28 -0500
From: "Ron Polityka" <wb3aal@talon.net>

To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [28252] Novelty QRPP Contest & N3EPA
Message-ID: <001501be32d1\$cff2c4a0\$0852e4ce@programs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone,

I will be operating the Novelty QRPP Contest on all three nights with N3EPA.
I will try to visit all the freq. that were posted for the contest. I am going to operate the first 2 hours of the contest, sorry but 4:40 AM comes very quick and unfortunately I have to work.

Hope to make a Q with U.

73 & Good DX,
Ron de WB3AAL wb3aal@talon.net

vvv Eastern PA QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern PA QRP #1
Eastern PA QRP Club Call --> N3EPA

Date: Mon, 28 Dec 1998 21:52:57 -0500
From: "Don Wilhelm" <w3fpr@netzero.net>
To: <badger@vbe.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28253] Re: (non-qrp) But Interesting phenom ?
Message-ID: <003e01be32d6\$5ab42c60\$9f120904@dbw-11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Interesting .. I wonder if you are adding any length of line when you add the Bird into the line. That could be just enough to allow full power output by reducing the apparent SWR at the Omni. To test, you might try adding the extra line that you used when you had the Bird in line with the

WM-1, only use a coax splice connector instead of the Bird. You just might get 100 W out.

Don W3FPR

-----Original Message-----

From: Michael Melland <badger@vbe.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, December 28, 1998 9:02 PM

Subject: (non-qrp) But Interesting phenom ?

>Here's an interesting observation I made today. I was near 21.030 today
>and decided to send a cq. This was probably my first time on this freq
>with my Omni V. As I was sending I noticed that my new Autek WM-1 meter
>was indicating I was only putting out about 70 watts. I checked both
>peak and average and the meter read 70 watts in both positions. Next I
>went up band to about 21.320 and the WM-1 then read it's normal 100
>watts. To check the rig I hooked my Bird meter (recently certified) up
>to the rig and into my dummy load and went back to 21.030.... sure
>enough..... 100 watts. Then I hooked up the Bird to the antenna....100
>watts out. Next I hooked up the WM-1 direct to the dummy load.....
>yep....100 watts. Hooked up the antenna again to WM-1 and back to
>indicated 70 watts???? I then hooked the Bird to the antenna in line
>with the WM-1 to compare readings and now they both read 100 watts
>but.....get this... if I take the Bird out of the line and hook the
>antenna back up direct to the WM-1 it's back to 70 watts !! Thought it
>was RF but touching/grounding the WM-1 remote line section or meter has
>no effect on the reading nor does running the meter off battery power
>instead of the wall wart power supply it has.

>

>Any suggestions as to what's going on here ? Autek told me that it's
>not RF in the meter and that it's because the Omni is shutting down
>output due to either high SWR or reactance, in other words the meter is
>correct and the rig is shutting down power..... but then why does it
>read ok by the Bird ? And why is the current not maxing out to the rig
>from the power supply ? And, my antenna analyzer and the Bird nomograph
>of reflected vs forward power both show a SWR abt 2:1 on the line. Odd
>that it's only affecting 15 meters..... all the other bands have
>tolerable readings..... I STILL suspect RF. Oh yeah..... the ground
>is from a 3' buss behind my desk connected to a 2" copper flashing
>through the wall (abt 1.5' in the shack) to a ground rod outside.

>

>73

>--

>Michael Melland, KB9QHU

>Winneconne, Wisconsin, USA

>FISTS #4387, 10-10 #69281, QRP-L #1656

>CW, SSB, and Electronics
>List Administrator: grundig@qth.net
><http://www.vbe.com/~badger>
><http://www.qsl.net/kb9qhu>
>

Simplify your holiday shopping...
Visit our partners for great holiday gifts.
<http://www.netzero.net/etoys>
<http://www.netzero.net/amazon>

Date: Mon, 28 Dec 1998 21:17:25 EST
From: AB6UI@aol.com
To: qrp-l@lehigh.edu
Subject: [28254] emtech info
Message-ID: <7464fba6.36883bb5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks for the replies. I have QRP-L in digest mode and just after I sent my question I read several posts on EMTECH. Sorry to hear about Roy but glad to here that Steve is keeping EMTECH going.

If you have nothing better to do please check out my web page at
"<http://members.aol.com/ab6ui>"

72 ES HAPPY 1999 DE AB6UI

Date: Mon, 28 Dec 1998 20:02:46 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: andymeng@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28255] Re: sw40
Message-ID: <36884655.A54BAFCA@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Andy C Meng wrote:

> Thanks so much for all the encouragement and advice on the SW40+. Almost
> all of you said to go and buy it, but it turns out that I don't have to.

> Paul, NA5N, offered to send me the \$10 more I needed to complete it,
> along with the Elmer 101 book. Dave, NN1G, offered to sell me one of his
> kits for \$40. Then Jim, K8IQY, offered to give me his SW40+ that he
> doesn't use much anymore! Many thanks to Paul, Dave, and Jim.

>
> Andy KC8KFI

Is that cool or what! That is the stuff that this list is made of. Yes I
have been lurking and not contributing that much. For all of the flaming and
the whining and repeating that OCCASIONALLY goes on here, this is the stuff
(Well, one of the things) that keeps me hanging in there. Way to go guys!
You are gentlemen and a ham's ham!

Jess

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Mon, 28 Dec 1998 22:06:09 -0500

From: "Ed Tanton" <n4xy@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [28256] RE: sw40

Message-ID: <000901be32d8\$2f14ce50\$01010101@n4xy>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

THIS is the REAL power of QRP!!!

///snip

> Andy C Meng wrote:

>

> > Thanks so much for all the encouragement and advice on the SW40+. Almost
> > all of you said to go and buy it, but it turns out that I don't have to.

>

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> > kits for \$40. Then Jim, K8IQY, offered to give me his SW40+ that he
> > doesn't use much anymore! Many thanks to Paul, Dave, and Jim.
> >
> > Andy KC8KFI
>

Date: Mon, 28 Dec 1998 19:15:54 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [28257] Slinky Dipole Antenna
Message-ID: <19981228.191613.-108609.1.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

How many 60 yr old guys get a Slinky for Christmas.
I received the Slinky Dipole Antenna mentioned on the List a couple of
weeks
ago. It is definitely not a toy slinky. The kit includes 2 4 inch heavy
duty,
galvanized slinkies. That's 4 inches high (coiled) and 4 inches diameter.

Full 80 meter dipole in 24 feet. Just count the coils to tune. I got it
from.

Jon Titus KZ1G
The Blacksburg Group, Inc.
36 Sunset Drive
Milford, Ma. 01757 508-478-8040

I don't know a url or e-mail adr.

No connection.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 28 Dec 1998 22:19:37 -0500
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [28258] Re: T/R switch for the Fireball 40
Message-ID: <011301be32da\$13c9bc80\$883984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Further to my posting concerning QRP T-R switching circuits for the FB40,
you will definitely find the various circuits at the 7N3WVM website of great
interest: <http://www.qsl.net/7n3wvm/tr-switch.html>

72, George N2APB

Date: Mon, 28 Dec 1998 21:15:41 -0600
From: "Rud Merriam" <rmerriam@csi.com>
To: <barmstrong@sisna.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [28259] Re: Zinc air batteries
Message-ID: <00eb01be32dc\$82a1fa80\$0761afce@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use Zinc air batteries in my hearing aids. Indeed they do maintain a
very constant voltage level with a rapid drop. I've never actually
tracked how long batter lasts but it has to be at least a couple of
weeks. I'm usually caught be surprise when they die since there is no
degradation. I sometimes realize after one dies that I had cranked up
the volume or got some funny sounds for the previous 30 mins to an
hour.

Rud Merriam KD5DTV
rmerriam@csi.com

Date: Mon, 28 Dec 1998 22:45:43 -0500
From: Duffer <hduff@ica.net>
To: qrp-l@lehigh.edu
Subject: [28260] Wanted:HW-9 parts or dead rig
Message-ID: <1.5.4.16.19981228224717.0cefc9d6@ica.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm looking for a dead Heathkit HW-9,
mostly for the mechanical parts in order to
rebuild one that I have on the go.
Anyone ?

Please reply to hduff @ica.net

Date: Mon, 28 Dec 1998 22:45:07 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@lehigh.edu
Subject: [28261] Novelty QRPp Test
Message-ID: <19981229.034217.5231.0.KQ0I@juno.com>

Absolutely miserable conditions here in the Midwest...over an hour and
made two contacts. Time to pull back and regroup and hope tomorrow will
be a better day.

72/73, Mark, KQ0I Des Moines, Iowa EN31
Packet: kq0i@w0ak.#cia.ia.usa.na
e-mail: kq0i@juno.com

(operating club station as KC0ENC)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 28 Dec 1998 22:51:59 -0500
From: w2bj@juno.com (Barry J Minsky)
To: jessqrp@concentric.net
Cc: qrp-l@lehigh.edu
Subject: [28262] Re: sw40

Message-ID: <19981228.230350.-257459.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree 100%. Amateur Radio, and especially QRP is made up of some of the finest people I know.

On Mon, 28 Dec 1998 20:02:46 -0700 Jess Gypin <jessqrp@concentric.net> writes:

>
>
>Andy C Meng wrote:
>
>> Thanks so much for all the encouragement and advice on the SW40+.
>Almost
>> all of you said to go and buy it, but it turns out that I don't have
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>
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>his
>> kits for \$40. Then Jim, K8IQY, offered to give me his SW40+ that he
>> doesnt use much anymore! Many thanks to Paul, Dave, and Jim.
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>> Andy KC8KFI
>
> Is that cool or what! That is the stuff that this list is made of.
>Yes I
>have been lurking and not contributing that much. For all of the
>flaming and
>the whining and repeating that OCCASIONALLY goes on here, this is the
>stuff
>(Well, one of the things) that keeps me hanging in there. Way to go
>guys!
>You are gentlemen and a ham's ham!
>
>Jess
>
>--
>Jess N0TFI <><
><http://www.concentric.net/~jessqrp> Personal Home page
><http://qsl.net/n0tffi/bug.html> Bug Stories
>
>
>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Mon, 28 Dec 1998 23:03:36 -0500

From: w2bj@juno.com (Barry J Minsky)

To: antennas@qth.net, cw@qth.net, qrp@qth.net, qrp-l@lehigh.edu

Subject: [28263] ISOTRON ANTENNAS

Message-ID: <19981228.230350.-257459.1.w2bj@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I want to thank everyone who responded to my questions about the Isotron antennas. I got a wide variety of answers, everywhere from "It is a good dummy load." to "It is a great antenna." It seems as if most people think the Isotrons are good compromise antennas as long as they are tuned properly. I also received advice about other alternatives. Thanks to all.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Tue, 29 Dec 1998 04:21:45 GMT

From: mwattcpa@earthlink.net (Marty Watt)

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [28264] Re: Chat Room

Message-ID: <36895851.178583209@mail.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

On Mon, 28 Dec 1998 20:28:07 -0500, "John J. McDonough" <jjmcd@tm.net> =

wrote:

```
>From: Bill Boose <wboose@ptd.net>
>>
>>thought some of you might like to try this.
>
>
>I assume that folks talking about the Dalnet QRP channel and talk city =
etc.
>are aware of the efnet #HamRadio channel. Almost always a half-dozen to=
a
>dozen folks there, tho often quite quiet.
```

There is also a #CQDX Channel on undernet ... it is pretty active, as =
someone
has connected a packet spot system to it for real-time spots.

I'm hoping that #qrp-l will get some use, if for no other purpose than to=
cut
down on the time-sensitive traffic on the list (like spots, band =
conditions,
or special event operations!)

--

72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Mon, 28 Dec 1998 23:32:29 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [28265] Novelty QRPP Test & N3EPA
Message-ID: <002901be32e4\$5d8852a0\$4f5445c6@programs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The bands are terrible! I had S9 QRN here in Eastern Pennsylvania.
The QRN & QSB were very bad. Then on top of that I had some

digital guys just wiping out the entire area. I mostly worked 40 meters, I did try 80 but the static crashes just blew out the ears. I did send out several CQ's on 80 but I had no replies.

I am glad that I worked the 1st two hours instead of the last 2! Hi Hi
You had to read my previous e-mail.

I would like to thank the four stations that I did work. Sorry to the couple that I just could not pull out of the mud.

See everyone tomorrow! Hope conditions improve!

73 & Good DX,
Ron de WB3AAL wb3aal@talon.net

vvv Eastern PA QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern PA QRP #1
Eastern Pennsylvania QRP Club Call --> N3EPA

Date: Mon, 28 Dec 1998 20:38:13 -0800
From: "Steve Miller" <kg7pv@teleport.com>
To: "QRP-L : to send msg to list" <qrp-l@lehigh.edu>
Subject: [28266] Novelty QRP Test
Message-ID: <000d01be32e5\$0d6e8900\$e0021ad8@newmicronpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Finally remembered at 3:20z and managed only a few contacts - all near 7040.
Did not hear anyone on 80 or up at 7122. Not the greatest condx tonight.

Got NOTFI's info but don't know if he got mine - he was just gone.
Worked NQ7RP Floyd and W5VBO Brian - both in AZ with great sigs up here.
Heard N3EPA several times but no contact. Heard several other weak ones but no complete calls.

Always fun though. 73

Steve Miller kg7pv@teleport.com
Portland,OR

Norcal #308, ARCI #9230, QRP-L # 109

Date: Mon, 28 Dec 1998 23:52:34 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [28267] Novelty Sprint blast!
Message-ID: <19981228.205228.7711.0.we6w@juno.com>

OK. 5 qso's on the Pixie2. Not great but better than my 2 on the first night last year.

got NQ74p,N7RVD,W5VBO,KI7MN,K0EVZ for 28 pts total. And heard lots of other stations. Of the top of my head the list is: N3EPA, W3KC, N0TU, N0TFI, K7TQ, and with Randy/K7TQ we almost had the exchange....

Lots of QRM and tuff condx here. A great challenge and lots of fun milliwattting. I wonder what the other Pixie2's at 500 milliwatts did???

Catch ya'll tomorrow. 72/Ed
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 28 Dec 1998 23:05:43 -0600
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>
Subject: [28268] Re: Novelty QRP Test
Message-ID: <36886327.F212C15F@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got one, w5vbo ,Brian, was good into Texas, Heard a lot but couldn't raise anyone else.Had rough QRM/N until I went upstairs and unplugged my sons computer that he left running.Maybe it is time to build that vfo I have been talking abt for the last 6 months.

charlie wa5krf austin,texas

Date: Tue, 29 Dec 1998 00:24:54 -0500
From: "George Heron" <gheron@idt.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28269] QRP Quarterly - January issue contents
Message-ID: <019501be32ec\$90930f20\$883984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

The January issue of QRP Quarterly is on the way to the printer, and we thought we'd give you a snap shot of the exciting content coming soon to your doorstep.

This is a fabulous issue ... January QQ will bring more than 80 pages of technical, operating and equipment review material from our contributing authors and active QQ editorial staff. We think you'll really like this one!

72,
--George Heron, N2APB
 QRP Quarterly, managing editor
 n2apb@amsat.org

TECHNICAL

Link-Coupled Antenna Tuners, Part 4: Series Circuits and Reactance

By L.B. Cebik, W4RNL

Build a \$15 Computer Control Interface for your Scanner

By John Montalbano, KA2PYJ

Idea Exchange

By Michael A. Czuhajewski, WA8MCQ

"Add-On Kit" for the Rainbow Tuner

By Joe Everhart, N2CX

The QRP Cannon - A Resonant Speaker for CW Operation

By George "Danny" Gingell, K3TKS

Component Alternatives for Homebrew Design and Construction

By Gary Breed, K9AY

Stealth CW

By Stan Wilson, AK0B

Audio Power - From the Acoustics Side

By Dennis Blanchard, K1YPP

External VFO with the 9850 DDS

By George Heron, N2APB
Alternatives to the "Ever so Umble" PCB
By Dick Pascoe, G0BPS
The Rainbow Power Meter, Part 1: The Basics
By Joe Everhart, N2CX
Computer Control Korner - Pulse Width Modulation Control of Power
By George Heron, N2APB
Ham Radio, PIC Microcontrollers and You!
By Claton Cadmus, KA0GKC

REVIEWS

The Oak Hills Research OHR-500
By Steve Bornstein, K8IDN
Ten-Tec RX320 PC Receiver
By Tom Cooper, W1EAT

OPERATING

Eight Bands on Two Wheels!, Part 2
By John Cumming, VE3JC
The Arkansas QRP Club (ARQRP) Nets
By Bob Schill, N9ZZ
Watt Goes Up Must Come Down - A Look at QRP Contesting
By Jim Gooch, NA3V
QRP ARCI Awards
By Chuck Adams, K5FO
Hamfest Portable Station
By Jim Nestor, WK8G
Pacificon '98
By Monte "Ron" Stark, KU7Y
QRP Really!
By Bruce Muscolino, W6TOY/3
Twenty Years - A QRP Story
By Les Schattuck, K4NK
Members News
By Richard Fisher, KI6SN
Contests
By Cam Hartford, N6GA

MISCELLANEOUS

>From the President
By Michael A. Czuhajewski, WA8MCQ
>From the Editor
By George Heron, N2APB
>From the Membership Chairperson
By Dave Johnson, WA4NID
QRP-ARCI Quality Recognition Program
By Steven Pituch, W2MY
QRP Clubhouse

By Bob Gobrick, N0EB
Announcing: Four Days in May QRP Conference
By QRP ARCI
Announcing: Atlanticon QRP Forum
By the New Jersey QRP Club

IDEA EXCHANGE TOPICS:

New e-mail for WA8MCQ
RF Sensing Power Switch N2CX
Shoe Goo for Holding Toroids N2EI
Batteries for Hewlett-Packard AC Voltmeter W1HUE
Update on Samlex Power Supply Fix W1HUE
Easy Ground Rod Installation W1HUE
More on ARRL Spectral Purity Testing W1RFI
Modify SWR Meter to Read RF Power SM0VPO
Wide Range Crystal Control on 80m G3ESP
Simple Ramp Generator W4LJD
On the Road with Foam Insulation Tubes AG5P
Untangling Portable Antennas N2EI
IC Socket Pins Connect Wires to PCB KA0GKC
Miniature W2FMI Baluns ... NOT! N4LGH
Better Sideband Rejection for the Argo 509 KN1H
AC Voltmeters and Waveforms VE3DNL
QRP-L, The QRP DAILY

Date: Mon, 28 Dec 1998 23:45:07 -0600
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [28270] QRPP Quarterly
Message-ID: <36886C63.D99A9216@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have never received my issue of QRPP Quarterly that was supposed to be sent out, I think, about 3 weeks ago. Am I the only one who has never received it? I don't know if it was lost or if some are still not delivered. Lee Bahr w0vt

Date: Mon, 28 Dec 1998 23:48:40 -0600
From: Lee Bahr <bahr521@earthlink.net>

To: qrp-1@Lehigh.EDU
Subject: [28271] Where is the QRPp Norcal Journal?
Message-ID: <36886D38.CFA2F9D5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am sorry but I miss identified my missing Journal. What I am missing is Norcal's QRPp Journal. Sorry for the double post. Lee Bahr w0vt

Date: Mon, 28 Dec 1998 22:52:38 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: George Heron <gheron@idt.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28272] Re: QRP Quarterly - January issue contents
Message-ID: <Pine.BSI.3.96.981228225214.18626C-1000000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Glad to see that the Rainbow Tuner is finally making it into print.

```

      ,-----,
      /  What's all this  \
      / extinct stuff, anyhow? \
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      \  '-| )__| :.  \
      \  | | | | | \  '
      \  c__ ; c__ ; ' -.. ' > .__

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 29 Dec 1998 00:53:14 -0500
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.EDU>
Subject: [28273] RE: QRP on 10 meters 28.060
Message-ID: <00b801be32f2\$1c541720\$04000a0a@nwarfiel.usf.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

With the flux passing the 180 mark, the 10 meter band was open here using low power. Had not much time to operate, but could work at least two stations running less than 5 watts.
Will be on tomorrow Tuesday UTC day around 28.060 looking for QRP to QRP contacts
Arnie Coro
C02KK

Date: Tue, 29 Dec 1998 01:12:21 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-l@lehigh.edu
Subject: [28274] Re: 00PS? Anyone leave their keyer ON?
Message-ID: <19981228.221207.7711.2.we6w@juno.com>

The QRM stopped at 45 minutes before the contest.
Phew!
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 01:21:02 -0500
From: Floyd Soo <hires@rust.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [28275] Fox Tonight!
Message-ID: <368874CE.ED4E46DA@rust.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fox Hunters,

Just a reminder that I will be just a little above 7.040, unless there is QRM there. In that case, I may be just below that frequency.

Again, I will be using a Collins KWM-380 dialed down to 5 watts, feeding a RadioWorks Carolina Windom 160 at 50'.

Start time will be 0200z tonight.

Good luck!

--

72,

Floyd Soo, W8RO

President, HI-RES Communications, Inc.

Board Member, Collins Collectors Association (#002)

QRP-L #392

hires@rust.net

<http://www.rust.net/~hires>

Date: Tue, 29 Dec 1998 01:31:57 EST
From: we6w@juno.com (Ed Loranger)
To: crc@io.com
Cc: qrp-l@Lehigh.EDU
Subject: [28276] Re: Novelty QRP Test
Message-ID: <19981228.223141.7711.3.we6w@juno.com>

Yeah, a vfo would be nice. I just have the toggle switch for 7039.2 and 7040 frequencies. Fixed Rit/XIT.

Hope to catch you tomorrow and the band is quieter!

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

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Date: Tue, 29 Dec 1998 00:17:58 -0700
From: KORWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28277] To Fox or not to Fox...
Message-ID: <3.0.5.32.19981229001758.00802430@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To Fox!

I was never much interested in contests, but hunting down and QSOing AL7FS on 40M this past weekend has changed my mind. I haven't followed the "FOX" postings, nor saved them. Can someone (evryone :-)) send me a FOX HOWTO, so I can play along from time to time.

TNX ES HPY NEW YR

72/3 KORWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 29 Dec 1998 00:25:09 -0700
From: KORWC <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28278] QRPp with Icom 746?
Message-ID: <3.0.5.32.19981229002509.008008f0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks:

Being hopelessly addicted to High performance RCVRs, I'd like to find a way to run my beloved 746 at QRPp levels. According to my OHR WM-1 the 746's minimum output is 2-2.5WTS. So, if I had an inline ANT attenuator of >=6db I'm there. Does anyone know of such a thing? I'd rather not mod the Radio, if that is even possible.

72/3 KORWC
Rod Cercone, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Tue, 29 Dec 1998 10:56:45 +0200
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [28279] QRP and illegal parrots on 10 m
Message-ID: <3688994D.43D9@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Prof.Arnaldo Coro Antich wrote:

>
> With the flux passing the 180 mark, the 10 meter band was open here using
> low power. Had not much time to operate, but could work at least two
> stations running less than 5 watts.

I haven't been studying those flux ratings, but now that I have gotten my slanted Hustler mobile whip on the 5th floor balcony facing NW, I have been able to work on the 10 meter band with my beefed-up Green Mountain (GM-10) a few times during weekends with some success.

A few contacts on 10 m with some good reports - among which my first QSO's with NA on any band. One day I tried a PA and a G station with no success at all. Immediately afterwards I got 599 from F5SYD and it was a long QSO, not a contest QSO. France isn't all that far from Holland and England, so propagation seems pretty patchy.

One of the US stations was N2UN in NYC, the other call I can't remember. Probably not QRP boys, but they heard me with my 3 W in a mobile whip!

BTW. On packet (to: INTRUDER) I have seen info about illegal parrot repeaters (AM?/FM?) on 10 m (28.145?) in and around Moscow. These frequencies can be used to test especially SSB- and CW-equipment and propagation conditions ;-). With sufficient testing of course the repeaters may move to the CB band where they belong, but that is the risk one has to take, hi. Too bad I can't test on those frequencies, because the GM-10 won't go that far up the band. I'll have to wait for the K-2.

--
Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Tue, 29 Dec 1998 01:22:12 -0800
From: "Paul Carreiro, N6EV" <n6ev@badger1.net>
To: qrp-1@Lehigh.EDU
Subject: [28280] Re: Novelty QRP Test (WQ6RP: Tues/Wed)
Message-ID: <199812290922.BAA30955@mail.badger1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Folks..

I just returned tonight (Monday) from a 5 land Christmas vacation.

I will activate the Southern California QRP Society club call WQ6RP for the remaining two Novelty contest nights (Tuesday / Wednesday).

Hope to hear you guys tomorrow (err.. tonight.. it's 1:20AM Tuesday).

sCQs web site: <http://www.qsl.net/wq6rp>
sCQs mailto:wq6rp@qsl.net

72 and Happy New Year

Paul Carreiro, N6EV sCQs #1 Club Administrator / Founding Member

Paul F. Carreiro - N6EV - ex-N6HCS - El Camino Village, CA
mailto:n6ev@badger1.net - <http://www.qsl.net/n6ev/> - ICQ #7928709
QRQ Mobile CW, QRP, Boatanchors, Glowbugs, ZUT/ZA0!, Zuni Loop
sCQs #1, FISTS #1407, QRP-L #236, NorCal #367, ARCI #8885

Date: Tue, 29 Dec 1998 05:55:53 EST
From: jalbertin@juno.com (Jerry Albertin)
To: qrp-1@lehigh.edu
Cc: jalbertin@juno.com
Subject: [28281] FS/Swap: Alinco DJ-191HT for MFJ 9040
Message-ID: <19981229.055654.4967.0.JAlbertin@juno.com>

Looking to swap an Alinco DJ-191 HT for a MFJ 9040 qrp rig. This HT was purchased new two months ago and has about one hour of use. It works fb but

I prefer HF cw to VHF.

This rig has full 5 wttts output, easy to read LCD, tone encoder, extended receive
(136-174 mhz), 40 memories and more. Comes with soft case, 9.6v nicad

pack, "AA" battery pack, drop-in charger, original box and manual.

It is like new and would like to swap it for a MFJ 9040 in same condition
or
sell for \$130 shipped.

Please e-mail me directly if interested or have any questions.

73...Jerry KG2JF

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 06:12:46 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:we6w@juno.com" <we6w@juno.com>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>, //QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [28282] Re: Novelty QRP Test
Message-ID: <199812290615_MC2-64E4-732A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Ed:

Well I only had time for one QSO! Glad it was *you*! Hope to have more
time and health tonight. Good luck. You sounded great last evening. Just
after our QSO you were briefly 549, of course :-).

72/73,
--Doc Lindsey/K0EVZ
DSBF
P.O. Box 7187
Bismarck, ND 58507
E-Mail 70511.3041@compuserve.com

Date: Tue, 29 Dec 1998 06:27:13 -0500
From: Donald Lefrancois <wb1cdh@mci2000.com>
To: QRP-L <QRP-L@LeHigh.edu>

Subject: [28283] Re: 2 rigs later - Help!
Message-ID: <001c01be331e\$303ea580\$ba4537a6@DonaldLefrancois>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I know how you feel. Have two rigs on the bench right now and have no idea where to start. Have checked as much as I can without investing big bucks in test equipment. One was a 624 Universal transmitter and the other is the Norcal 38S. One day soon I will pick them up again.

Don..K1NNP

-----Original Message-----

From: Roger A. McCarty <rmccarty@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, December 28, 1998 9:12 PM
Subject: RE: 2 rigs later - Help!

>I know this will not help the frustration and anxiety that can surface
>after
>building a non-operational kit However, I can say without reservation that
>I
>have learned far more electronics theory from kits that did not work in
>comparison to the rigs that did work immediately upon completion. Look at
>the opportunity you now have to learn!

>
>Ok, I'll shut up.

>
>72
>
>Roger KD6CC

>
>
>
>
>
>> -----Original Message-----

>> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
>> K0RWC
>> Sent: Monday, December 28, 1998 8:08 AM
>> To: Low Power Amateur Radio Discussion
>> Subject: Re: 2 rigs later - Help!

>>
>>
>> At 08:54 AM 12/28/98 -0600, you wrote:
>> >A most disappointing weekend. I have been working on a pixie2 80M and

>> >finally got all of the parts (a difficult thing to do in Tuscaloosa,
AL.)
>> > I built it and heard nothing. I figured that I would try to fix it
>> >later. I then turned to my FB40 that I set up for 10M.
>> >
>>
>> Know the feeling, I had trouble with my OHR100A for 20m. Took several
days
>> but after pouring over the schematic, testing, probing, wringing
>> my hads in
>> anguish I finally found the problem, a poor solder joint! Very subtle &
>> difficult to see. But the rig is fixed and working well, many FB QSO's.
>>
>> >...I want a WAS on my wall!!!!
>> >
>>
>> If you get on 40 or 15 post hear, I listen for your call & give
>> you Colorado.
>>
>> >...I have just got to find a real cheap rig. I went
>> >with QRP because I could build my own, and it was cheap.
>> >
>> >I have said all that to say this. I Will Not Give Up!!!!!! I just have
>> >to find a rig that I can get to work. Can I get any help/advice? D
>>
>> Nothing to sell here, but watch for an OHR, Norcal or SW-40+
>> deal, all good
>> rigs you should have good luck with. I have the OHR100A for 20M, love it.
>> I've also orderd a Norcal 40 after seeing a friends. I'm also going to
>> build the SW+ for 30 meters, sometime in early 99.
>>
>> Keep at it and if you need help post here, lot's of fine folks on
>> this list
>> that are willing to help.
>>
>> HAPPY NEW YEAR
>>
>>
>> ---
>> 72/3 KØRWC
>> Rod Cerkoney, QRP-L #1764.
>> Fort Collins, CO
>> da di dah
>>
>

Date: Tue, 29 Dec 1998 07:16:03 -0500 (EST)
From: malman@world.std.com (joel malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [28284] Re: Novelty QRP Test
Message-ID: <199812291216.AA07133@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, it was mostly a bust here in New England also.. The QRN (rain supposed to be moving in) and the QRM (a constant buzz and Mr. Aola) made for a poor showing. Only two Q's: KJ5TF and NQ7RP (thanks Floyd, I was just about to give up.)

Hope to see you all tonight, or Wednesday.

p.s. Do the Aola stations ever use their calls? or just call Aola and be done with it?

--

/joel K1QM (Ex-wa1qvm) Concord, Mass.
QRP-L 337, QRP-ARCI 9305, NorCal

Date: Tue, 29 Dec 1998 06:43:19 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [28285] 49er - Pixie test 1st mite results = poor
Message-ID: <3688CE67.DF8@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Maybe condx were not so hot last night???

Between 02:30 - 04:30 my 49er and I only made 4 QSO's! Thankfully I had a QSO with NQ7RP, tnx Floyd!

And Bob, did you think you had ALL the rig codes?! :) I had a QSO with KD7BAB and he used an Alinco DX77 ! HI!!

Hope for better condx tonight! de Jim

02:34 NQ7RP

02:39 K1QM
02:49 W5VBO
04:00 KD7BAB

Date: Tue, 29 Dec 1998 08:36:26 -0500
From: w2bj@juno.com (Barry J Minsky)
To: cw@qth.net, qrp@qth.net, qrp-l@lehigh.edu
Subject: [28286] THOUGHTS ABOUT LEARNING CODE
Message-ID: <19981229.083628.-176975.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Recently, I have read several postings about how to learn code and how to increase code speed. I have been a ham for a long time, since 1955. I have been a lover of CW and enjoy its "music." But the problems I have always faced have been increasing speed and copying "in my head." I have used tapes, computer programs and my MFJ Tutor. They help some but not enough to really make a difference. I have had some extra time off during the holidays, time when I have been free but my wife has been working. I decided to spend several hours following the advice I have heard from others. First of all, I have worked on copying in my head by simply refusing to write down anything except essentials in my log (call, name, QTH, etc.) Secondly, I have tried to send and receive just beyond my comfort level. Wow! It is really working. O yes; I miss a word here and there. But I am getting almost everything. My speed is slowly increasing. I have appreciated the input of many on the list. The advice I have received from others has helped. I guess the natural way is the best way. We learn code best by using it. I hope my experience can be an encouragement to others who want to their code skills.

72/73,

Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Tue, 29 Dec 1998 13:47:28 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-l@lehigh.edu
Subject: [28287] \ \ \ \ Announcement / / / / HW contest sked

Message-ID: <19981229.134729.12454.0.pmk@juno.com>

Keep your eyes peeled for the HW contest sked.

The dates will be January 23 and 24

Not much time now but will have details later today or tomorrow

72 de Patrick KD4OBQ

AR

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 09:41:59 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [28288] Strange Tuner Occurrence during Test last night
Message-ID: <7F3D7334ABE6D11196F500A0C9B426B65A49C2@exchange.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I don't know what happened last night. Here's the symptoms. Doesn't anyone have a clue?

I hooked up my Pixie2 and my Tixie (one at a time) and neither of them would show any deflection on the power meter of my MFJ 941 tuner. I thought something was wrong with the rigs. I tried changing the cables and then tried to run my Icom 728 at 2-3 watts on the same band. The Icom yielded a meter movement. Then I hooked up the Tixie again and finally got the meter to move. Then it stopped again. It seemed I would have to blow it through with the Icom every so often and then it would work for a while.

I made up a little manual T/R switch with just a toggle and BNC connectors so I could test out the FB40. I figured I would use this little device to play in the contest with the Tixie so I could tune in the other stations and filter better on the receive side, but ran into these unforeseen problems. When I hooked the Tixie up directly to the tuner, it seemed to work fine. Is there something I'm missing with this T/R switch. Do you have to do more than just toggle switch between the TX and RX rigs.

I did get to hear a few stations on the Novelty contest, but they couldn't hear me. Once I got my tuner act together I made only two solid Q's. At first I worked AE4GX - but during the exchange I lost him, so only my two solid Q's count. I only played from 0200 to 0400 but the first hour was wasted messing around with my tuning and no output problem.

I don't have a watt meter so I don't know if I was putting any RF out into the ether or I just wasn't showing anything on the meter. I had the same problem with my FB40 the night before.

72 all ,

Nick - kf2ph . .

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov http://www.rhichome.bnl.gov/People/franco

Date: Tue, 29 Dec 1998 09:54:22 -0600
From: "Terry Bassett" <mutabut@net66.com>
To: <Qrp-1@Lehigh.EDU>
Subject: [28289] Elmer101...reflected power problem
Message-ID: <001701be3343\$81ad5b80\$8e538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello all,

Here is something that I noticed last night and I've tried several sources and at the moment am unsure of which way to proceed, so maybe someone will take time to read this and advise me.

Okay here is the situation. I started to get on 7.040 +/- last night with my SW40+ and my OHR WM-2 showed 2 watts reflected out, 3 watts forward to a GAP Titan. I took the short RG8 jumper from the SW40+ and put it on my TenTec 21, adjusted for 5 watts forward, got 1/2 watt reflected. I recalled that somewhere I had seen a Nomograph that would translate this to

SWR ratios. Went through two ARRL Handbooks and could not locate it, finally found what I remembered in a book called "Understanding Amateur Radio," by the ARRL. However the Nomograph was set up for 10 watts to 2000 watts. Just eyeballing it made me think that my SWR was somewhere around 2:1. Then I went back to the Handbook and found a formula which was reflected power divided by forward power then take the square root. For the Tentec it worked out to .316 for the SW40+ .816. The only difference in the feedline is that the SW40+ has a BNC to UHF adapter.

I had known for quite some time that the TenTec was giving me 5 Watts out and 1/2 Watt reflected, but I Felt that 5 watts compared to 1/2 watts was pretty good, (ten times more forward than backward).

Question #1. Is the difference in reflected power due to the adapter, perhaps?

Question #2. What really is my SWR expressed as a Ratio?

Question #3. If my SWR for the TenTec is reasonably OK, then where or what should I be checking in the SW40+?

I sincerely thank anyone who has read this far. Any guidance or suggestions gratefully accepted.

72,

Terry, KA9TXE

Date: Tue, 29 Dec 98 11:05:35 -0500
From: w4pj@w4bkx.ampr.org (Scott)
To: qrp-l@lehigh.edu
Subject: [28290] FB 10M Condx - 2X QRPL QSO
Message-ID: <1257@w4bkx.ampr.org>

Good condx on 10m - Just worked Juanjo EC5ACA Nearly 1/2 hr QSO solid cpy all the way. His 3W and 5/8 GP (CB) and my Ten-Tec Triton @4W - CL36 Mosley. QSO: EC5ACA/QRP 29DEC98 1542Z/1600Z 28.108+/- 539/539 CW Juanjo Nr. Valencia QRP-L #1585 : #1642

Hey, does this count as another pelt on the wall? <Hee-Hee!>

Juanjo, tn timer fb qso es hpe cul sn - qsl es 72
EC5ACA/QRPL de W4PJ/QRPL dit dit

Date: Tue, 29 Dec 1998 11:27:23 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-1@lehigh.edu
Subject: [28291] Re: FB 10M Condx - 2X QRPL QSO
Message-ID: <368902EB.8AD95129@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Heard EC5ACA 569 on 10M in CT
Worked two G-QRP stations on 10M.

Four more 2XQRP QSOs on 15M with Europe.
29Dec 1515-1615Z--Zack W1VT

Date: Tue, 29 Dec 1998 11:41:53 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [28292] WOW! Bad Band Condx!
Message-ID: <21E06269B00ED111BE9B00805F6D0FA356D599@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

Well for those of you that tried the Novelty QRP contest last night you had a negative treat.

The noise conditions were the worst I've heard since the last big solar storm in Aug 98. So don't get discouraged this will generally be much better than last night. I hope it is a short term solar problem.

I started with my PIXIE that I haven't had on the air in a month or so. Nothing but noise. I thought I had blown a part and actually replaced two of the chips (AF filter OP amp and LM386) but no help.

I switched to my ICOM756 at 5W and did manage to work four stations including our NOGA member Randy WD4DSX in Cochran, GA. Randy was again running his NOGA Steve Hudson Special at a big 500mW. He was 559. I only got a 449 with my 5W.

All my contacts were on 3.686MHz. Almost got KF2PH but the noise was too heavy. I tried 40 mtr and heard several stations but the noise would come and go and they would disappear. I heard NQ7RP and N3EPA for a short time. Weird conditions.

So hopefully tonight will be better.

BTW I ran a little test on the PIXIE into a dummy load. I used my old oscilloscope to get the P-P voltage reading.

At 9v I got 90mW output

At 13v I got 160 mW output.

Funny I thought I had been running 150 mW at 9v all along. Maybe my final 2N3904 is going bad from all that power. HeeHee. More testing to follow. I may substitute a 2N2222A and go for 500mW.

Sam Billingsley AE4GX Atlanta, GA

Date: Tue, 29 Dec 1998 09:39:47 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-1@Lehigh.edu
Subject: [28293] NQ7RP Novelty Contest
Message-ID: <199812291639.JAA08799@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I tried. Only made 13 Qs in two hours. Thought S&P would be the way to go to

work the rockbound rigs but every body was moving around, even Ed WE6W!

Tried CQs

but only got a few calls. Most sigs were readable bit not strong, not many repeats

...just not enough stations on. Made no contacts after 0400.

Worked 49 1 KJ5TF

PX 1 WE6W

SW 1 KT4FJ

NW 1 KC0ENC

HW 1 K7TQ

HB 1 NTRVD

KW 1 W5USV

IL 1 K1QM

TT 5 W5VBO, NOLVM, W4VCT, KG9ML, N7RVD

Rig here: KW TS850 5W...ant: 40M dipole extender on HyGain beam.

Dan N7VE and Joe AB7TT will be operating NQ7RP the next two nights...GL

73 Floyd NQ7X Phoenix ScQRPion

Date: Tue, 29 Dec 1998 16:40:21 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-1@Lehigh.EDU, countyhunters@qth.net
Subject: [28294] USA-CA QRP
Message-ID: <19981229.164555.19974.8.wd3p@juno.com>

I am planning on putting up a page on my website listing the standings of those working USA-CA all QRP as of the end of the year. So If you are working the US counties QRP - phone, CW or some other way drop me an e-mail with the your count of how many you have worked at the end of year and I will post the standings to the page and a copy here. I am not concerned if they have been confirmed or not. Although those who want the basic USA-CA award that CQ offers do have to confirm the contacts.

The page will be similar to one Barry N1IA maintains for those doing it all CW. You can see his stuff at

<http://ourworld.compuserve.com/homepages/n1Ia/homepage.htm>

I have a prototype of my page up at

http://www.erols.com/lejek/ch/qrp/usa_ca-qrp.htm

if anyone wants to see it. To the best I have determined only one person has worked all the counties QRP. There are are two others that I know of who are close to finishing up.

If you want to view the home page it is at

<http://www.erols.com/lejek>

Tnx and 73 de Larry.....WD3P

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Date: Tue, 29 Dec 1998 12:14:42 -0500
From: "Mitch Dickson" <mitch@volstate.net>
To: <rlw@frii.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28295] Re: To Fox or not to Fox...
Message-ID: <002501be334e\$bacb3da0\$28338cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Whoever answers this post, post it to the group as I would like to know myself. Thanks Mitch

-----Original Message-----

From: KØRWC <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, December 29, 1998 2:25 AM
Subject: To Fox or not to Fox...

>To Fox!

>

>I was never much interested in contests, but hunting down and QSOing AL7FS
>on 40M this past weekend has changed my mind. I haven't followed the "FOX"
>postings, nor saved them. Can someone (evryone :-)) send me a FOX HOWTO, so
>I can play along from time to time.

>

>TNX ES HPY NEW YR

>

>---

>72/3 KØRWC

>Rod Cerkoney, QRP-L #1764.

>Fort Collins, CO

>da di dah

>

Date: Tue, 29 Dec 1998 12:53:16 EST
From: we6w@juno.com (Ed Loranger)
To: w2bj@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [28296] Re: THOUGHTS ABOUT LEARNING CODE
Message-ID: <19981229.095251.7967.3.we6w@juno.com>

Wow Barry. This is fantastic. Yes it really works to just put the pencil away or far enough away that you only enter the log information as needed.

It is great confirmation to hear that those suggestions are working for you.

And for everyone who missed Barry's success story. It is in today's archive on 12/29/1998.

Keep up the good CW work there Barry.

happy New Year OM.

-ED

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

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Date: Tue, 29 Dec 1998 12:53:15 EST
From: we6w@juno.com (Ed Loranger)
To: rwc@frii.com
Cc: qrp-1@lehigh.edu
Subject: [28297] Fox hunts and 6db attenuators/ 272,000 m/watt!
Message-ID: <19981229.095250.7967.0.we6w@juno.com>

Hey Rod, WELCOME to foxhunting!!! Glad to have you
join in on all the fun.

It's easy and you don't need a note from you doctor
for this kind of fun :) Although it might be
illegal in 1999. <JK>

Email me for more tips, but basically zerobeat the
last guy the fox worked, try to be where the fox is
listening. Make sure your antenna height/direction
is appropriate between you and the fox.

GL on the hunts.

ATTENUATOR: Hey, it works great. I worked NY6G yesterday
at 125 MICRO-Watts!!! That's about 68 miles as the crow
flies.

Started at 1 milliwatt best I could measure on the meter,
then stepped down by 3 dB's to get copy by Stan. 1 mW,
500 uW, 250 uW, 125 uW. But at 125 uW my pixie2 sig was
in the mud big time. So we call it 250 uW successful.
Let's see $68\text{miles}/.00025 = 272,000$ miles per watt
on the pixie2 with attenuator and variable OSC drive.

With the attenuator, you can accurately step down from
a higher power that you wattmeter can measure accurately.

Works FB.

-ED

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Date: Tue, 29 Dec 1998 12:53:16 EST
From: we6w@juno.com (Ed Loranger)
To: 70511.3041@compuserve.com
Cc: qrp-1@lehigh.edu
Subject: [28298] Re: Novelty QRP Test
Message-ID: <19981229.095251.7967.1.we6w@juno.com>

Very FB Doc. Hope you are feeling btr tonite for the
hunt and test.

The Guy with the keyer problem just quietly disappeared.
I never heard a peep later. I don't think he'll
be so careless next time.

I have alligator clips on my keying connection. Easy
to go from Bug to straight key. When not in use, I
connect the clip to a piece of duct tape wrapped around
one of the wires further up the cord. Keeps any accidents
from happening :)

On my Paddle, I pull it out of the connector when not in use.
Hey, we've got cats, dogs, and little kids here at QTH we6w
so gotta be careful. Besides, you never know when some
tool or project part will rest against that keyer :)

Later bro, catch you tonite Doc. Wow, you heard my pixie2
at 500 mW with that OHR500!

-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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On Tue, 29 Dec 1998 06:12:46 -0500 "Wilford D. Lindsey"
<70511.3041@compuserve.com> writes:

>Ed:

>

>Well I only had time for one QSO! Glad it was *you*! Hope to have more
>time and health tonight. Good luck. You sounded great last evening.
>Just
>after our QSO you were briefly 549, of course :-).
>
>72/73,
>--Doc Lindsey/K0EVZ
> DSBF
> P.O. Box 7187
> Bismarck, ND 58507
> E-Mail 70511.3041@compuserve.com
>
>

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Date: Tue, 29 Dec 1998 12:01:05 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: qrp-l@Lehigh.EDU
Subject: [28299] Pole Poll Summary
Message-ID: <3.0.1.32.19981229120105.006af2c4@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Thanks to all who replied to my info request for pushup aluminum poles.
Three solutions were offered.

1. Portapole by NEW WAVE -- 47 ft model \$109 in current AES catalog
2. DK9SQ Fiberglass mast -- 33 ft \$99
3. Tubing Sections -- 7 sections about 38 ft useable, \$75 using Tx Twrs prices (1 in - 1 3/4 in)

Shipping is not included in prices, Texas taxes are included in Tx Twrs cost.

The Portapole is the most substantial design and the easiest to erect and use.

The DK9SQ mast seems to have a very small end piece and might not be adequate. May not hold up in continuous use either -- but great for portable temporary use.

The tubing sections are least expensive but require the most work to build, assemble, and use. Requires cutting slits for clamping sections together.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Tue, 29 Dec 1998 12:56:56 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: we6w@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28300] Re: THOUGHTS ABOUT LEARNING CODE
Message-ID: <368917E7.8F6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed and Barry,

While your method works, and quite well, if you don't already have youe Extra, stop! For any license you need to write it down because your test is based on writing it down! If you're just trying to get from 25 to 35 wpm, go to it! The observation that you go faster if you push the edges is as true in auto racing as it is in ham radio!

73

Date: Tue, 29 Dec 1998 13:08:28 EST
From: we6w@juno.com (Ed Loranger)
To: flydnq7x@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [28301] Re: NQ7RP Novelty Contest
Message-ID: <19981229.100808.7967.7.we6w@juno.com>

On Tue, 29 Dec 1998 09:39:47 -0700 (MST) flydnq7x@primenet.com (Floyd Smithberg) writes:

>Well I tried. Only made 13 Qs in two hours. Thought S&P would be the
>way to go to work the rockbound rigs but every body was moving around,
>even Ed WE6W!

And THANKS for thinking about us fixed-frequency ops!
Hee, hee. Yes, my toggle switch, basic pixie2 can tx/rx on
7039.3 or 7040.0. I flipped between those and made my calls

to CQ. A transistorized RIT operated pixie2 can't do that and needs a VFO mod to get around. So I opted for the poor hams solution since it is a minimalist rig.

Sorry about the NQ74p typo earlier. Fat Fingered the 'R' when typing... NQ7RP of course is in the log.

Hope y'all hear my 500 mW tonight.
-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Date: Tue, 29 Dec 1998 10:09:51 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28302] Re: THOUGHTS ABOUT LEARNING CODE
Message-ID: <Pine.SOL.3.96.981229100800.6846A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Not sure if this URL has been posted before or not
but if you wonder about code speeds in contests and
DX pileups and how to "get there", this is a good read.

http://www.qth.com/ka9fox/high_speed_cw.txt

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 29 Dec 1998 13:22:01 EST
From: we6w@juno.com (Ed Loranger)
To: w6toy@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [28303] Re: THOUGHTS ABOUT LEARNING CODE
Message-ID: <19981229.102129.7967.8.we6w@juno.com>

I think that writing it down is important too. But we are talking about one test in a lifetime of CW. I say go with the lifetime of cw. No sense getting stuck on a method because of "someone's" test!!!!

Geesh. If they go to typewriters the writing it down is ALSO the NEW WRONG Way!

In CW Code work, one should practice ALL of the methods. One of them is Head copy.

Unfortunately I have never had the opportunity to upgrade my license. I went in and got the Extra that one day.... Non-ham at breakfast, Extra at dinner time :)
-ED

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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On Tue, 29 Dec 1998 12:56:56 -0500 Bruce Muscolino <w6toy@erols.com> writes:
>Ed and Barry,
>
>While your method works, and quite well, if you don't already have
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>Extra, stop! For any license you need to write it down because your
>test is based on writing it down! If you're just trying to get from
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>edges is as true in auto racing as it is in ham radio!
>
>73
>

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Date: Tue, 29 Dec 1998 13:38:33 EST
From: we6w@juno.com (Ed Loranger)
To: qrp-1@lehigh.edu
Subject: [28304] QRP Novelty RULES POINT!
Message-ID: <19981229.103812.7967.10.we6w@juno.com>

As far as I know, isn't there a rule that we can only use the rig as designed. I.E. no external RCVR etc. and extra off-board audio filtering?

Isn't this a contest of rigs and powerlevels?

Just wondering. I'm only using the basic pixie2 at 500 mW and the rig is my receiver too. No extra audio filtering. Painful, yet fun :)

We are talking bare-bones contest here guys. Just the rig, antenna tuner and awaaaayy we go.

Am I wrong, or is it ok to use a fancy best-world RX while calling yourself in one of the rig classes.

If they use a separate RX, is it then some other class?

Thanks.
-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Date: Tue, 29 Dec 1998 13:37:57 EST
From: n4so@juno.com (charles k brown)
To: qrp-1@lehigh.edu
Subject: [28305] New 28 Mhz Beacons
Message-ID: <19981229.182118.4399.4.n4so@juno.com>

Several new 28 Mhz beacons are active that are not showing up on my list.

All of these are 4 watt and 5 watt beacons I believe.

w6tod/b 28.222

ve3gop/b 28.236

ve4arm 28.193

k6lll/b 28.203

n1wrg/bcn 28.234

NCDXF Beacons/ Power levels range from 100w to .1 watt.

The 100 watt levels are coming through but not the lower power levels at this time.

Worldwide beacons on 28.200. CS3B, LU4AA, YV4B and the ZS6DN beacon from South Africa are all coming through weakly. All at 1800Z.

Ken

N4SO@juno.com

Mobile, AL

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 19:08:33 -0600
From: tshilhanek@juno.com
To: qrp-1@Lehigh.EDU
Subject: [28306] QRP Items for sale
Message-ID: <19981229.190834.8414.0.tshilhanek@juno.com>

I still have one qrp item left for sale:
TAC-1 40M transceiver.
very nice condition : \$160.00

Terry WOPFR

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 10:52:47 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [28307] NC20 Status Report
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There is good news and there is bad news.

First the bad news. The company that does our prototype boards has shut down for the holidays and will not return to work until Jan. 4th. Hopefully, the final prototype board is there and we are awaiting shipment so that we can do the final test build before we order the production run boards. We have to do this, as we cannot go to production until we are sure that the layout is perfect. We don't want any mistakes. By the way, the latest revision was done to test the layout of the 1/8" phone jacks (there are 2) and they have been wrong on every other rev that we have done (5). The problem is that there is no layout of the pinout from the manufacturer, so Dave has had to measure and he has 4 pins to deal with that are not symmetrical in any way. But, it has to be right.

The good news. We received 200 cases Christmas day, and they look good. The cases are out of .060 aluminum, and have countersunk assembly screws, so it will be a clean package. Doug Hauff will deliver another run this weekend.

More good news. I have 300 parts kits ready to go. All that we are waiting on is the board and the manual, and Dave F. is very close to having the manual finished. Each kit has about 350 parts, so you can see that I have been busy. When the production boards arrive, I will put them in the kits, and then drive them to Sacramento where I will turn them over to Jim. Jim has the shipping boxes preaddressed and stamped, so that all he has to do is insert a manual and a kit, and seal the box and take to the post office (not as easy as it sounds by the way).

The point is that we are getting very close to shipping the NorCal 20 kits. I thank each and every one of you who ordered for your patience. The effort spent in debugging

this
kit has been greater than any other NorCal kit. Your patience will be rewarded.
Debugging
takes time, but it is worth it in the end product.

To summarize, we will get the final prototype board on Jan. 7th. If it checks
out, we go to
production boards (will probably take about 10 days or so). We ship as soon as we
get
the production boards. Just a little while longer.

If you are going to be at the NorCal meeting this Sunday, I will bring a kit (less
the board) for
you to see. 72, Doug, KI6DS

Date: Tue, 29 Dec 1998 10:38:42 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [28308] Where is fall QRPP?
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, we have over 1600 subscribers to QRPP, and we do the best that we can
to not make mistakes, but try as we do, they do crop up. Right now, there are
about 10 or 12 of you waiting for your issues that did not get mailed due to the
following reasons:

1. Doug made a mistake
2. You moved and forgot to tell us.
3. You renewed too late.
4. Doug Made another mistake.
5. Whatever other reason makes sense.

But the important thing is that you don't have your issue. Why? Well, I have not
received the 30 or so extra issues that we printed from the printer. I told him
NOT
to mail them to me until after the holidays, as I did not want to take the chance
on
their getting lost or delayed due to the Christmas mail. It was MY decision,
not
his, and he is just doing what he is told to do.

Several have contacted me by email, asking where their issue is. I will mail the
issues just as soon as I get them, but I cannot mail them until they get here. I
thank you for your patience and understanding, and am posting this to let you know

the status of the fall issues that you have coming.

72, Doug, KI6DS

Date: Tue, 29 Dec 1998 13:08:10 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: qrp-1@Lehigh.EDU
Subject: [28309] Corrected Pole Poll Summary
Message-ID: <3.0.1.32.19981229130810.006b4218@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Thanks to all who replied to my info request for pushup aluminum poles.
Three solutions were offered.

Correction (I missread 47 in as 47 ft)

1. Portapole by NEW WAVE -- 40 ft model \$200 in current AES catalog
2. DK9SQ Fiberglass mast -- 33 ft \$99
3. Tubing Sections -- 7 sections about 38 ft useable, \$75 using Tx Twrs prices (1 in - 1 3/4 in)

Shipping is not included in prices, Texas taxes are included in Tx Twrs cost.

The Portapole is the most substantial design and the easiest to erect and use.

The DK9SQ mast seems to have a very small end piece and might not be adequate. May not hold up in continuous use either -- but great for portable temporary use.

The tubing sections are least expensive but require the most work to build, assemble, and use. Requires cutting slits for clamping sections together.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Tue, 29 Dec 1998 11:11:09 -0800
From: "Barry L. Geipel - KF6RDI" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28310] Re: QRP Novelty RULES POINT!
Message-ID: <199812291908.LAA13555@newspaper.cwi.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good question Ed. Last night I was just using my Pixie which does NOT have the rit mod. I heard a few signals but I did not make any contacts. I know that I can only work stations that are not on 7.040 MHz with my Pixie.

This morning I decided to give the Pixie another try. One CQ and I faintly heard my call sign clicking off in the distance. I was able to copy the other stations call sign (KE6WAR) just barely. I decided to switch to my HW-8 for rcv so I asked Rich to send a string of V's. I quickly hooked up an antenna switch and was able to tune in his vy fb 599 signal on the HW-8. I continued using my Pixie for transmit (579), but I really had no chance copying him with it. Oh, the contact was Los Angeles to Lake Isabella about 200 miles or so.

I have made quite a few contacts using my Pixie alone, but I wonder how many I have missed without the rit mod.

Now, until reading Ed's post, I was planning on trying my antenna switch setup with any contacts that needed it in the Novelty tonight. If that is against the rules, I will gladly sit on my Pixie as is (no rit). Speaking of which, what design defines a Pixie? I have seen a few which use different transistors and inductors and the original did not seem to have the rit, nor does the kit. Is the RIT mod legal?

No big deal to me, I just love telling people "rig hr pixie running 300 mw"

72,
Barry KF6RDI

>
> As far as I know, isn't there a rule that we
> can only use the rig as designed. I.E. no
> external RCVR etc. and extra off-board audio
> filtering?
>

Date: Tue, 29 Dec 1998 13:14:19 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Floyd Soo <hires@rust.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28311] Re: Fox Tonight!
Message-ID: <Pine.LNX.3.95.981229131251.21695A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...so are we having 2 foxii tonight?....W8RO and VE7DXJ?....I see VE7DXJ listed but not W8RO?.....maybe a change has taken place?....Happy New year to all!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club "QRP! How sweet it is!"

On Tue, 29 Dec 1998, Floyd Soo wrote:

> Fox Hunters,
>
> Just a reminder that I will be just a little above 7.040, unless there
> is QRM there. In that case, I may be just below that frequency.
>
> Again, I will be using a Collins KWM-380 dialed down to 5 watts, feeding
> a RadioWorks Carolina Windom 160 at 50'.
>
> Start time will be 0200z tonight.
>
> Good luck!
> --
> 72,
> Floyd Soo, W8RO
> President, HI-RES Communications, Inc.
> Board Member, Collins Collectors Association (#002)
> QRP-L #392
> hires@rust.net
> <http://www.rust.net/~hires>
>
>

Date: Tue, 29 Dec 1998 19:19:28 cst
From: wj5o@juno.com (William H. Hays)
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU

Hi All,
Condx good today again.
I copied 21 10 meter beacons from 17:14 to 17:27Z 29 Dec 98

also W3VD ND0DX W3HH KA1NSV
WJ9Z N7LT W2IK WA6APQ
AB8Z N2VMF WG8T W6TOD
N3BUB KB3BOE K6LLL LU1FHH
VE4ARM

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But..... like you and many others I was not satisfied at the basic PIXIE circuit and wanted something that was more than a conversation piece.

MODs are a basic "God Given Right" of QRPers. Just being humorous..... Ed.
You don't find any rig that someone hasn't MODed.

I took the route of buying the HSC kit but could have ugly constructed it. Actually with my MODs it would have been easier to start from scratch. I am using an external AF filter and external BC RF filter and plan to use a better transistor final rather than the 2N3904 that came with my "kit". I'm sure that folks that homebrewed the PIXIE from the schematic took some latitude in their parts. My independent TX and RX VXO caps via a switch are external. Has far as I'm concerned even the switch/cap RX/TX offset is a "MOD". I think the a 9v transistor battery upgrade to 12v is a MOD. If you enforced the 9v transistor battery rule then all PIXIE's would be < 200mW. I think the intent was to use BASIC type against type.

So is my rig a PIXIE? Absolutely and it's running at less than 150mW currently but hopefully moving it up to 200-400 mW by contest time. Maybe not! I think antennas, location and operating skill will separate the folks regardless of the MODs.

BTW my PIXIE couldn't hear anything last night so I switched to IC5 (ICOM 5W) status for the night. ;-)

The purpose of the contest is to have fun and enjoy operating these little rigs and marveling at how well they do under today's operating environment. Last week's environment was a rough as it gets. But I'm having a ball!

Let's just hope that the next two day's conditions improve and long live the "Milliwatt" QRP rig. Anyone operating one of this PIXIE/TIXIEs or any rig at <500mW has my hat off to them. There's plenty of categories in the contest to cover anyone including QRO. It's just a matter of finding the right spot. My category: PIXIE W/MODs and proud of it.

BTW I'll be around 7.040 kHz +/- 2kHz with my fantastic VXO. Please look for me.

This email repsonse is to be taken lightly ;-) ;-) ;-)

Have fun..... life is shorter than we think!

Sam Billingsley AE4GX Atlanta, GA PIXIE W/MODs

>>>> snip >>>>

From: Bob Kellogg [SMTP:ae4ic@nr.infi.net]
Sent: Friday, December 25, 1998 3:33 PM
To: Sam Billingsley
Subject: Re: Rules - Novelty QRPP Contest - Update

Hi Sam,

That is correct.

Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

My question to Bob,

> I'm assuming that if I'm using my PIXIE I will use the TX AND RX
portions
of
> the rig. Correct?

>>>> snip>>>>

> -----Original Message-----

> From: we6w@juno.com [SMTP:we6w@juno.com]

> Sent: Tuesday, December 29, 1998 1:39 PM

> To: Low Power Amateur Radio Discussion

> Subject: QRP Novelty RULES POINT!

>

> As far as I know, isn't there a rule that we
> can only use the rig as designed. I.E. no
> external RCVR etc. and extra off-board audio
> filtering?

>

> Isn't this a contest of rigs and powerlevels?

>

> Just wondering. I'm only using the basic pixie2
> at 500 mW and the rig is my receiver too. No
> extra audio filtering. Painful, yet fun :)

>

> We are talking bare-bones contest here guys.
> Just the rig, antenna tuner and awaaaayy we
> go.

>

> Am I wrong, or is it ok to use a fancy best-world
> RX while calling yourself in one of the rig classes.

>

> If they use a separate RX, is it then some other class?
>>>snip >>>

Date: Tue, 29 Dec 1998 15:09:44 -0500
From: "Joiner, Randy - LYSBB" <JoinerR@avionics2.robins.af.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [28314] Rules Again!
Message-ID: <AD001062E6EFD111AB4A00805F9F46A7544B29@mustang>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Does all this mean that when I am using my 500mw homebrew transmitter and the receiver from my Swan and using clip leads for an antenna switch that I can no longer give out HB500?? The receiver is not putting out any power with my radiated signal. There is no category for Swan anything I think. Isn't this supposed to be fun? Oh well, I'll just listen. Good luck to all.

72

Randy

Date: Tue, 29 Dec 1998 15:42:25 EST
From: we6w@juno.com (Ed Loranger)
To: SBillingsley@usaninc.com
Cc: qrp-1@Lehigh.EDU
Subject: [28315] Re: QRP Novelty RULES POINT!
Message-ID: <19981229.124204.8119.2.we6w@juno.com>

I think that is great Sam. I agree. As long as people are using the RX/TX features of the Pixie2, they are doing the right thing.

The 1995 pixie2 schematic in the HSC kit has the offset rcv capacitor mod for the XTAL. This is the toggle switch mod I'm using.

I hope everyone is reading my prior email lightly. I didn't intend anyone to think I'm some fanatical purist. If you do, you read me wrong. And I take no offense either :)

I was just wondering on point of concept that this is a transceiver contest requiring the rig stand on its own merits.

Hooking the output to a fancy DSP kind of kills the concept of digging sigs out with the pixie2. Or using

a seperate RX. Now if you homebrew the DSP into the pixie2 I think that is spirited :)

We'll be having fun either way. Now to figure out why I'm suddenly getting overload from that local AM BCI station again? Low battery? Detecting crystal jointed bad solder joint? hmmmmmm.
-Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 15:42:25 EST
From: we6w@juno.com (Ed Loranger)
To: bgeipel@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [28316] Re: QRP Novelty RULES POINT!
Message-ID: <19981229.124205.8119.4.we6w@juno.com>

On Tue, 29 Dec 1998 11:11:09 -0800 "Barry L. Geipel - KF6RDI"
<bgeipel@primenet.com> writes:

>
>Good question Ed. Last night I was just using my Pixie
>which does NOT have the rit mod. I heard a few signals
>but I did not make any contacts. I know that I can only
>work stations that are not on 7.040 MHz with my Pixie.

I purposely sent on 7039.3 and listened there in case there were pixie2's out there without the Offset Toggle/capacitor mentioned in the original kit.

>
FB on KE6WAR. Those Lake Isabella hams are pretty active. I think they have their own club.

Hey Barry, we've worked a few times. I'd love to catch a pixie/pixie qso tonight. No skeds of course but hope I catch you. the Toggle switch and 60 pF or so capacitor works great. And although not QSK like the transistor mod, it gives you TWO frequencies to transmit or receive

on.

After working my Drake TR-3 for a year solid and having to Switch from TX to RX, It is second nature for me to toggle the pixie to the opposite freq. for listening.

This contest is working. We are talking some serious operating and building activities so mission accomplished.

Have fun one and all.

72/Ed

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

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Date: Tue, 29 Dec 1998 15:53:35 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [28317] Elmer200 - Protoboard / FB40 oscillators
Message-ID: <3689414F.10BE8448@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Elmer 200 students and "tinkerers",
Techamerica has on sale its solder-less breadboards. The smaller one is half price. These make prototyping really easy, although some say they add too much resistance / reactance for high frequency work. The small one is only \$32.50. Mine is on order ;-). Should make changing those oscillator values really easy.
Check <http://www.techamerica.com>
go to the january sale flyer, pages 26 and 31.

Also, if anyone is interested, B G Micro (<http://www.bgmicro.com/>) has tubes of 14.1523 Mhz oscillator cans for \$6 a tube, 25 in a tube (that's \$0.24 each). It will give you another frequency on your FB40 in the ham bands. Since you have to buy them by the tube, it may be a good "group buy".

--

72 de ku4qo

Mike Maiorana

Palm Harbor, FL

"Science, like nature, must also be tamed, with a view toward its preservation" N. Peart

Date: Tue, 29 Dec 1998 16:27:44 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28318] FOX: NEW FOX Tonight!
Message-ID: <Pine.OSF.3.95.981229162531.28509B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Dec 1998, Bruce Rattray wrote:

> ...so are we having 2 foxii tonight?....W8RO and VE7DXJ?....I see VE7DXJ
> listed but not W8RO?.....maybe a change has taken place?....Happy New year

To all that missed one of the several previous posts, W8RO has taken over
VE7DXJ's spot in the foxhunt.

Look for FLOYD W8RO tonight. I'll be working on Y2K upgrades :-(

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

> On Tue, 29 Dec 1998, Floyd Soo wrote:

>
> > Fox Hunters,
> >
> > Just a reminder that I will be just a little above 7.040, unless there
> > is QRM there. In that case, I may be just below that frequency.
> >
> > Again, I will be using a Collins KWM-380 dialed down to 5 watts, feeding
> > a RadioWorks Carolina Windom 160 at 50'.
> >
> > Start time will be 0200z tonight.
> >
> > Good luck!
> > --
> > 72,

> > Floyd Soo, W8RO
> > President, HI-RES Communications, Inc.
> > Board Member, Collins Collectors Association (#002)
> > QRP-L #392
> > hires@rust.net
> > <http://www.rust.net/~hires>
> >
> >
>
>

Date: Tue, 29 Dec 1998 15:41:41 -0600 (CST)
From: cjsterl@ix.netcom.com
To: qrp-l@lehigh.edu
Message-ID: <1998122916411536334@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings,

Going on vacation for a couple of weeks and need to postpone the threads from the list. What do I do?

Thanks,
Craig/AA3MD

Date: Tue, 29 Dec 1998 14:30:50 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@lehigh.edu
Subject: [28320] More about the 30m BCI
Message-ID: <19981229.145229.3494.0.nilsbull@juno.com>

Gang,

I've gotten a couple notes from people who have also had to fight the BCI that would sneak into their radios via IFs around 9 MHz. In my case, it was understandable from the aspect of radio versus antenna.

Both the Sierra and the Argosy would get terrible BCI on 30m using the wire antenna stapled to the attic rafters and hosed to the rigs via a T-type tuner (like the "ultimate transmatch" circuit in the older ARRL handbooks). The Argosy was particularly nasty, 'cause the BCI got really

bad when I used the NB.

Out in the outhouse, I'd get the same deal when I used the 30m vertical on the Argosy (no tuner, just a verticle on a post in the backyard & about 50 ft or so of RG8 buried about an inch down. The Sierra would suffer with the same antenna, but would show no signs (if memory serves) on the wire loop/G5RV catastrophe.

None of this BCI happened on the TR7. At least not until I moved the vertical to a 10 ft pipe against the side of the garage, fed with another 50-odd feet of RG8 (at present laying on the ground with the remote tuner control wire).

By the time I moved the vertical to the new location, the Argosy was sold. The Sierra showed no signs of BCI on the vertical, once the antenna was tuned to 30m.

The TR7, which had never shown this problem before, suddenly got the bug, but only when I used the wire loop/G5RV whatzits, via a tuner. And the tuner did naught to reducing the signal. No problem on the vertical, since it's tuned. Right?

So those who wrote saying that they'd had the problem with one or other rig running a 9 MHz IF, I know what you mean and that is probably as far as we get understanding the problem. And it is possible to tune the Sierra input & mixer circuits to reduce the problem (once I find a way to reproduce it in that radio . . . maybe by using the loop antenna again . . . but I've got another ATU for that set up . . . which is another story).

What blows me away is the sudden appearance of the problem on the TR7, a rig that I've had for over 20 years now and know from experience & having worked at Drake, which shouldn't have the problem at all. Unless the problem is related to the numerous untightened connections on the back of the ATU, on the loose ground also on the back of the ATU, the ground system itself (which is pretty rudimentary) & any number of other run-on sentence explanations.

And since it's obviously gonna be winter again, and since it's my birthday next Saturday (I'll be 53), and since I don't wanna work on the damn antenna any more until it gets warm enough to wear shorts, I'm gonna have to live with the BCI . . . once I reproduce the problem (why?) &c.

One last thing, however: How come I always wait until the dead of foul weather in the sub arctic to work on my antoona system . . . at least the one outside?

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich
McTovarishov

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or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Dec 1998 16:50:50 -0500
From: "Paul R. Valko" <prvalko@oakland.edu> (by way of Hank Kohl K8DD
<k8dd@contesting.com>)
To: qrp-l@lehigh.edu
Subject: [28321] FOX: Rules Repost
Message-ID: <4.1.19981229165036.017dd900@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1 9 9 8 - 1 9 9 9 Q R P - L F O X H U N T !

Rules are greatly simplified in the one-sentence, Executive Overview! If
you've been in the foxhunt in the past, NOTHING has been changed.

Version 3.02

CHANGES FROM VERSION 3.01

- Slight change in FOX SCHEDULE due to a fox withdrawl.

CHANGES FROM VERSION 3.0

- Removed all "deleted" sections and made the rules easier to read.
- RULE 1.3, changed "SHOULD be QRP" to "MUST be QRP" (same as old rules)
- RULE 2.51, changed "or RF output power" to "and/or RF output power"

CHANGES FROM VERSION 2.0

- Simplified Scoring, One point per QSO - regardless of anything.
- Friendlier Exchange, Include Names in the QSO.

EXECUTIVE OVERVIEW

The Fox and Hound make a two-way QRP contact exchanging calls, RST, QTH, Name, QRP-L Number and/or RF output power.

DEFINITIONS

QRP = 5 watts or less RF output from the transmitter.

QRO = any power greater than 5 watts.

QTH = State, Province, or Country if outside US/Can.

Fox = the station everyone tries to work. Also known as foxii, the fox, the wily one, the bushy tailed SOB, etc.

Hound = any station trying to work the fox. Also known as the hound, hunter, hunters, the skunked, the pile-up.

W8KC = Paul Valko, runs the foxhunt. Also known as, =paul=, The collector of TenTecs and other fine plastics, Rule Maker, Rule Definer, Peace Keeper, Butt Kicker, etc.

Split = Classic DX-style operation on two distinctly different frequencies.

RULES

1.0 OBJECTIVE - The objective is to HAVE FUN.

1.1 GENERAL FOX GUIDELINES

1.12 Fox try to complete as many two-way, CW, QRP, QSOs - as possible, in a 2 hour long time period.

1.13 Fox must post PRIOR to operation day with details (rig, ant, freq) regarding their operation.

1.14 Fox will operate within +/- 10Khz of 7.040 MHz but should make an effort to AVOID operating directly on 7.040.

1.141 Fox will call CQ FOX, CQ FOXHUNT, etc.

1.15 Fox will be allowed to QSY to avoid QRM.

1.16 Fox WILL NOT operate "split.."

1.2 GENERAL HOUND GUIDELINES

1.21 Hounds ONLY work the Fox.

1.211 Hounds ONLY ANSWER the FOX CQ - Hounds DO NOT call CQ FOX.

1.22 Hounds must NOT QRM the Fox Frequency after the QSO.

1.23 Hounds, work as many Foxii as possible over the 22 weeks of the Foxhunt.

1.3 Hound MUST be QRP if giving a qrp-l number.

2.0 SCORING SYSTEM

2.1 One point will be awarded for each successful QSO.

2.31 Instructions to get your QRP-L Number are at the bottom of this message.

2.4 Maximum points for any one QSO is 3 points, allows incentive for Novice/Tech or Special Event Foxii.

2.5 EXCHANGE

2.51 A successful QSO MUST exchange as a minimum Callsigns, RST, QTH, Name, QRP-L number and/or RF output power.

2.52 Any other information exchanged (rigs, ant, etc.) is at the operator's discretion but is superfluous.

2.521 Operators are welcome to include superfluous detail in the posted report but the FOX LOG must be posted as detailed in rule 3.2.

3.0 REPORTING SYSTEM

3.1 Foxii LOGS MUST be posted to QRP-L with a copy also sent to: prvalko@oakland.edu

3.11 Posts to QRP-L Regarding the Foxhunt should begin with "FOX:" to enable filters to do their magic.

3.2 The Foxii log shall have the following layout:

TIME STATION	FOX	HOUND	HOUND	HOUND	HOUND
HOUND					
GMT WORKED	RST	RST	QTH	NAME QRP-L#	POWER
as an example...					
0200 w8kc	559	559	mi	Paul 59	2w
0201 wq9rp	579	579	wi	Hank	.9w
0202 n8iin	599	559	mi	Roy	100w
				TOTAL	3 POINTS

3.3 The Fox is responsible and is to be honorable in reporting scores.

3.31 All information exchanged must be done during the QSO, electronic "fills" via email are not permitted.

3.4 Hounds are encouraged to report both successful AND failed hunts to QRP-L (I do not need a Hound Log). This is also a propagation study, you know.

4.0 SPECIAL FOX EVENTS

4.1 A Special Event Fox may pop up once or twice to keep hunters on their toes. Stay tuned to QRP-L for these announcements.

4.2 A Novice Foxhunt will begin sometime in November.

4.5 There is a "Bye Date" where no fox is scheduled.

4.6 No Foxhunt is planned during Straight Key Night.

4.7 Any "sub-contest" such as "team competition" is the sole responsibility of the person who decides to run one.

4.71 Sub-contests must in no way interfere with the rules and smooth operation of the AUTHORIZED QRP-L FOXHUNT.

1998/1999 FOX SCHEDULE VERSION 2.00

WEEK	DATE	GMT	FOX	FOX	START	GMT	FOX	FOX	START
			OP	QTH	TIME(Z)	DATE	OP	QTH	TIME(Z)
1	10/7		AB5UA		OK 0200	10/9	WQ8RP	MI	0100
2	10/14		WA8GHZ		TX 0100	10/16	W8RU	MI	0200
3	10/21		KV2X	NY	0200	10/23	K8CV	MI	0200
4	10/28		N2TO	NY	0100	10/30	KU7Y	NV	0100
5	11/4		AB5UA		OK 0200	11/6	N1FN	CO	0300
6	11/11		K1MG	CA	0200	11/13	WA8GHZ	TX	0200
7	11/18		AB0GO		CO 0200	11/20	K8CV	MI	0200
8	11/25		W5TFB		TX 0200	11/27	KB9BVN	IN	0200
9	12/2		N0UR	MN	0100	12/4	WS4S	TN	0300
10	12/9		N7CQR		OR 0200	12/11	N2TO	NY	0200
11	12/16		K5ZTY		TX 0200	12/18	N2SMH	NJ	0100
12	12/23		WQ8RP		MI 0100	12/25	K0EVZ	ND	0200
13	12/30		VE7DXJ		BC 0200	1/1/99	*** SKN ***		
14	1/6	**	BYE DATE	**		1/8	VE7DXJ	BC	0300
15	1/13		KB9BVN		IN 0200	1/15	N7CQR	OR	0300
16	1/20		N2SMH		NJ 0100	1/22	W8RU	MI	0200
17	1/27		N0UR	MN	0100	1/29	WS4S	TN	0300
18	2/3		W5TFB		TX 0200	2/5	K1MG	CA	0100
19	2/10		KV2X	NY	0200	2/12	AB0GO	CO	0200
20	2/17		K0EVZ		ND 0200	2/19	VE7CQK	BC	0100
21	2/24		KU7Y	NV	0100	2/26	N1FN	CO	0300
22	3/3		VE7CQK		BC 0100	3/5	K5ZTY	TX	0200

FOX EMAIL ADDRESSES

Dave Ek <ekdave@earthlink.net>,
 Clifton W Sikes <ab5uacw@juno.com>,
 "Wilford D. Lindsey" <70511.3041@compuserve.com>,
 "Michael A. Gipe" <mgipe@reliablemeters.com>,
 k5zty@juno.com,
 Walt Amos <k8cv@juno.com>,
 Hank Kohl K8DD <k8dd@contesting.com>,
 ARDUJENSKI@aol.com,
 Monte Stark <ku7y@dri.edu>,
 Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>,
 Lageson's <LAGESON@worldnet.att.net>,
 Marshall Emm <mgemm@mtechnologies.com>,
 David Maliniak <dmaliniak@penton.com>,
 "Kevin F. Glynn" <kfglynn@prodigy.net>,
 Dan Presley <talljazz@teleport.com>,
 Paul Erickson <paule@sfu.ca>,

"C. Leung" <cleung@cln.etc.bc.ca>,
Jack Bryant <Jack.Bryant@math.tamu.edu>,
Ron Majewski <majewski@erim-int.com>,
JFD / WA8GHZ /5 <jdougher@wt.net>,
Conard Murray <ws4s@infoave.net>

OBTAINING A QRP-L MEMBER NUMBER

Use this command to obtain a QRP-L member number.

RUN QRP-L X GETNR callsign

example: RUN QRP-L X GETNR W8KC

where "callsign" is your callsign. Send this in the body of a message to LISTSERV@LEHIGH.EDU. Use the word NONE if you don't yet have a callsign. The list of assigned member numbers can be had via the command, also to LISTSERV@LEHIGH.EDU:

GET QRP-L/MISC MEMBER_NUMBERS.TXT

That's it for now gang! Unleash the hounds!!!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 29 Dec 1998 17:07:13 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <flydnq7x@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [28322] Re: NQ7RP Novelty Contest
Message-ID: <199812292216.RAA04698@fh106.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Great Job, Floyd!

Having fooled with this contest a few years, I can tell you it's usually tough. 13 contacts in one night is pretty good! With your equipment, you might expect better. ... But, do not be discouraged. You handed out a lot of multipliers. The conditions were bad.

I don't think I worked more than six stations last night.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. -- Benny Hill

Date: Tue, 29 Dec 1998 16:38:51 -0600
From: "Terry Bassett" <mutabut@net66.com>
To: <Qrp-l@Lehigh.EDU>
Subject: [28323] Elmer101 mystery of reflected power con't...
Message-ID: <006001be337c\$031f5960\$93538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

Many thanks for the responses and correction of my formula,etc.. I put a 50 Ohm non-inductive dummy on the output of the WM-2 and the SW40+ showed 2 Watts out and just the slightest wiggle of reflected power. I then replaced the dummy load with the coax to the Gap and got about 7 watts out and 5 watts reflected. Shut it off A.S.A.P. and touched Q6...hot,hot, hot. End of experiment.

The only thing I can say at this point is that clearly the Gap is driving the SW40+ crazy.

I have a tuner and can make the radio play, which is what I'll do temporarily. This afternoon I constructed a 300 Ohm twinlead fed 80 meter dipole. Since the weather front is changing to pure nasty, tomorrow should be about right for messing around getting the antenna up into the trees.

I intend to see if a different antenna will get better results with the SW40+. I am still confounded as to why the Tentec handles it fine and the SW40+ reacts so poorly. Plus, the new antenna will give me a different polarization to hopefully make my station more versatile.

This problem has given me the impetus to review several chapters of the Handbook, do some thinking and do a little testing and building. Several ways to address a problem, only one path to choose...for something as invisible as RF, it sure presents a concrete problem at times.

I appreciate all who have given thoughts, suggestions, opinions and chapter references and formula advice.

72,

Terry, KA9TXE

Date: Tue, 29 Dec 1998 17:45:55 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: zlau@arrl.org
Cc: qrp-1@lehigh.edu
Subject: [28324] Re: FB 10M Condx - 2X QRPL QSO
Message-ID: <1.5.4.32.19981229224555.00f58b8c@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 11:27 AM 12/29/98 -0500, you wrote:
>Heard EC5ACA 569 on 10M in CT
>Worked two G-QRP stations on 10M.
>
>Four more 2XQRP QSOs on 15M with Europe.
>29Dec 1515-1615Z--Zack W1VT
>
>

Welcome Back Zack!

Rick - W4SEA

Date: Tue, 29 Dec 1998 15:09:23 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [28325] Operate RTTY with your Sierra
Message-ID: <36896123.35E65E78@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

John Kirby, N3AAZ, has devised a way to combine HamComm software, a homebrew interface and his NorCal Sierra to operate QRP RTTY. Details can be found on my web page at the address shown in my signature line below.

Check it out, and if you're quick you could be up and running in time for the ARRL RTTY Roundup this weekend. This is fun stuff, folks.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 29 Dec 1998 15:58:49 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [28326] Novelty Contest Results - W5VBO
Message-ID: <36895EA9.3D10FA16@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue:

Well, I worked 9 more stations last night then I thought that I would.

You see, I figured them little toy rigs really don't work, and that I would only be able to work Floyd, NQ7X who was manning the ScQRPion club station NQ7RP. I knew that he would be on the air with his TS-850 set at 5 watts.

How wrong I was! These little jewels really do work! I worked the following stations:

KJ5TF AR
NQ7RP AZ
WE6W CA
KK5X0 OK - a *NOVICE* at 7122!
WA5KRF TX
K7TQ ID
N7RVD WA
KG7PV OR
KI0KY CO

W4VCT KY

Yep, 10 different states. I left out the names, reports etc. from the above as there are still 2 nights of the contest remaining and I don't want to give away too many details, you'll just have to work them for yourself!

Important tip:

Keep in mind that the TX offset capability on many of these little rigs is quite minimal. You MUST tune around with the RIT after having called CQ, maybe a few KHz. each direction. Also keep in mind that after the first call, the station may come back on a different frequency, as these rigs almost universally have no RIT either.

Folks, you just have to give this little test a try. It's amazing how loud some of these sub-peanut whistles can be! Also try a few CQ's up in the novice bands too.

Brian W5VBO
AZ ScQRPions

Date: Tue, 29 Dec 1998 18:43:01 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@lehigh.edu
Subject: [28327] VECTRONICS
Message-ID: <29909-36896905-1372@mailtod-131.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

DOES ANYONE KNOW WHERE TO ORDER EXTRA CRYSTALS FOR THE VECTRONICS XMTR
KIT, TNX
PAT/K8LEN

Date: Tue, 29 Dec 1998 23:53:56 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28328] Re: More about the 30m BCI

Message-ID: <36896b55.32523148@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Tue, 29 Dec 1998 14:30:50 -0500, nilsbull@juno.com (Nils R Young) =
wrote:

>One last thing, however: How come I always wait until the dead of foul
>weather in the sub arctic to work on my antoona system . . . at least =
the
>one outside?

Everybody knows that antenna work done in pleasant weather is utterly
fruitless, while antenna farming done in sub-human conditions yields a
bountiful harvest.

--
72 es 73 de Marty, KM7W

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =
EM55ce
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =
Vengeance"

Date: Tue, 29 Dec 1998 18:54:24 EST
From: N5JI@aol.com
To: qrp-l@lehigh.edu
Subject: [28329] For Sale
Message-ID: <3f33e7c5.36896bb0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I have for sale a Knwd 830s with 500 hz cw filter and HM35 hand mic.
Electrically the radio is 100%. Cosmetically it's about a 8. A few minor
scratches on the top and side but the front face plate is real nice.

435 + shipping Reason (everyone wants to know) I recently purchased
a 570 dg. Need \$'s for pure qrp stuff.

Tnx and happy new year. (be safe). dick n5ji murphy tx

after 4pm central n5ji@aol.com
8a to 4p richard.kapalczynski@mci.com

Date: Tue, 29 Dec 1998 19:01:23 -0600
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-l@lehigh.edu
Subject: [28330] 10 mtrs today
Message-ID: <199812292358.RAA42410@mail1.doit.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

Well, the S F must still be up there. Worked a number of left coast stns
including N6MM and NU6U, , some other Ca and WA QRO stns, heard
some VE7's and a ZL1, and the strongest stns were in FL, worked
N4FNG QRP and **WB4CHK QRPP ** with his 5mW Fireball!!!!!!!
WOW I felt like a power hog with 5 watts! No sign of Arnie C02KK this
afternoon, with the prop I had to FL, he should have been booming in.

72, Paul

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

End of QRP-L Digest 1320

